



America's Favorite Doors™

BUYING GUIDE

GARAGE DOORS

COMMERCIAL DOORS

ENTRY DOORS

DESIGN YOUR DOOR

CONTACT & SUPPORT



WHERE TO BUY

## CARRIAGE HOUSE GARAGE DOORS



COACHMAN®



4.3 (67)

Write a review

authentic looking insulated steel and composite carriage house garage doors.



The perfect blend of beauty and practicality, these carriage house doors look like wood, but they are actually crafted of multiple layers of durable, low-maintenance steel and insulation topped with a woodgrain textured composite overlay.

WHERE TO BUY

BUILD MY DOOR



# HERITAGE® VINTAGE®

## ARCHITECTURAL ASPHALT SHINGLES

MANUFACTURED IN PHILLIPSBURG, KS

## PRODUCT DATA

### DESCRIPTION

Information included in this product data sheet was current at time of printing.

To obtain a copy of the most current version of this product data sheet, visit us online at [tamko.com](http://tamko.com) or call us at 800-641-4691.

**HERITAGE® VINTAGE®** shingles have a fiberglass mat construction with a random-cut sawtooth design, striking, and angular lines with self-sealing strips of asphalt on the bottom side. Two layers of mat are coated with asphalt, surfaced with mineral granules and then laminated together.

- Wood-shake look and beauty
- Shadowtone feature adds dimension, depth of appearance and curb appeal
- Limited Lifetime Warranty & Arbitration Agreement\*
- 10-year Full Start® Period
- 10-year Algae Cleaning Limited Warranty

**USES:** For application to roof decks with inclines of 2 inches per foot or greater.

- For slopes between 2 inches per foot up to but less than 4 inches — see “Low Slope Application” section of the Application Instructions.
- For slopes equal to or greater than 21 inches per foot—see “Mansard Roof or Steep Slope Roof” section of the Application Instructions.

**SHINGLES BEGIN TO AGE AS SOON AS THEY ARE EXPOSED TO NATURE. BUILDINGS EXPERIENCE AGING FACTORS DIFFERENTLY, SO IT IS DIFFICULT TO PREDICT HOW LONG SHINGLES WILL LAST. TAMKO PROVIDES A LIMITED WARRANTY FOR MANY PRODUCTS, THAT INCLUDES A BINDING ARBITRATION CLAUSE AND OTHER TERMS AND CONDITIONS WHICH ARE INCORPORATED HEREIN BY REFERENCE. YOU MAY OBTAIN A COPY OF THE LIMITED WARRANTY AT [TAMKO.COM](http://TAMKO.COM) OR BY CALLING 1-800-641-4691.**

\*Limited Lifetime only applies to single-family structures. See TAMKO's Limited Warranty for complete details.

### COLORS

#### HERITAGE® VINTAGE® COLORS

- Charcoal
- Chestnut
- Fossil Grey
- Redwood
- Weathered Wood

### TECHNICAL INFORMATION

UL Listed for Class A Fire Rating:	UL 790/ASTM E108, Class A
UL Classified for Wind Resistance:	ASTM D7158, Class H and ASTM D3161, Class F
UL Classified in accordance with:	ASTM D3462 and ICC-ES Acceptance Criteria AC438
UL Evaluation Reports:	UL ER2919-01 and UL ER2919-02
Florida Building Code Approved:	FL18355 and FL35321
Miami Dade County Product Control Approved	

(CONTINUED ON NEXT PAGE)

**WARNING:** Use of this product in an assembly that includes polyurethane foam insulation (including without limitation an application directly to the underside of a roof deck or within a wall assembly) may cause premature degradation or failure of this product. We continue to evaluate compatibility of polyurethane foams with our asphalt building products. Chemical incompatibility, off-gassing after application and excess heat during and after application of polyurethane foams may affect the performance of asphalt and modified asphalt building products and metal fasteners used with those products.



**IMPORTANT SAFETY INFORMATION:** Do not install until all appropriate safety precautions have been read and understood. The TAMKO Safety Data Sheet (SDS) is available at [tamko.com/sds](http://tamko.com/sds). Always use appropriate fall protection equipment and wear appropriate personal protective equipment (PPE) when working with this product. Moisture, frost, debris or other material will decrease the traction and can cause slippery conditions when walking on the product. **Applicator safety is of utmost importance.**

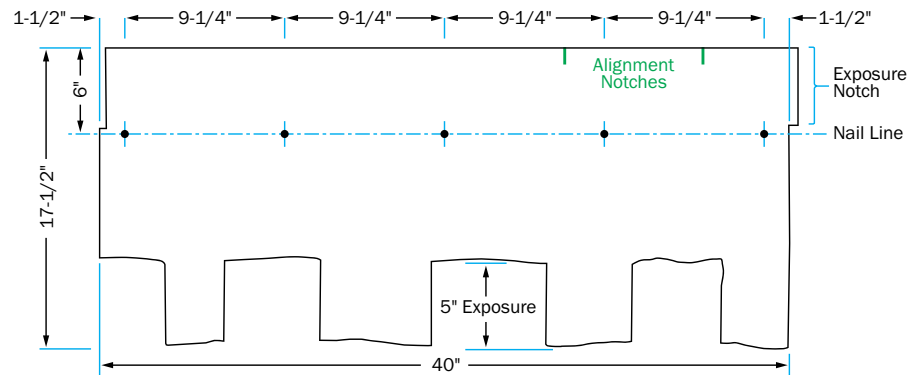
**WARNING:** This product contains crystalline silica and formaldehyde. Crystalline silica and formaldehyde have been classified as “known human carcinogens” by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. This product also contains oxidized asphalt. Occupational exposure to oxidized asphalt and its emissions during roofing have been classified by IARC as a “probable human carcinogen”. Oxidized asphalt also contains Polycyclic Aromatic Hydrocarbons some of which have been classified by IARC as “known” or “probable human carcinogen”. The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing and contact with skin.



P.O. Box 97  
Galena, KS 66739-0097  
800-641-4691  
[tamko.com](http://tamko.com)

**22-COA-0156**

### PRODUCT DATA



Shingle size <sup>†</sup>	17-1/2" × 40"
Exposure	5"
Each bundle contains	12 shingles
12 shingles covers <sup>††</sup>	16.68 sq. ft.
One Sales Square covers <sup>††</sup>	100 sq. ft.
Bundles per Sales Square	6
Shingles per Sales Square	72

<sup>†</sup> Subject to manufacturing variation

<sup>††</sup> When applied according to application instructions



P.O. Box 97  
Galena, KS 66739-0097  
800-641-4691  
tamko.com





Discover a whole new  
**SIDE OF HOME.**



**JamesHardie™**

Siding | Trim

**22-COA-0156**



Build confidently  
**BY DESIGN.**



22-COA-0156





Installed on over 8 million homes\* from coast to coast, James Hardie® fiber cement siding products are designed to resist the most extreme conditions while delivering long term beauty and lower maintenance. Enjoy the warm, natural look of wood with unprecedented peace of mind. It's easy to see what makes James Hardie the market leader.

#### UNIQUE FORMULATION

We use the highest quality raw materials and proprietary additives for enhanced strength and moisture protection.

#### FINISHING TECHNOLOGY

Baked-on color delivers a beautiful finish that resists fading and makes a lasting impression.

#### COMPLETE EXTERIOR

Offers homeowners an unrivaled collection of design options with exceptional warranties through a single, trusted manufacturer.

\*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

## CONTENTS

4	HardieZone® System
6	Unique Formulation
8	Finishing Technology
10	James Hardie Complete Exterior™
12	HardiePlank® Lap Siding
14	HardiePanel® Vertical Siding
16	HardieShingle® Siding
18	HardieTrim® Boards
20	HardieSoffit® Panels
22	Statement Collection™ Products
24	Color Inspiration
26	HardieWrap® Weather Barrier
27	Finishing Touches
28	The James Hardie Difference
30	Warranty and Endorsements

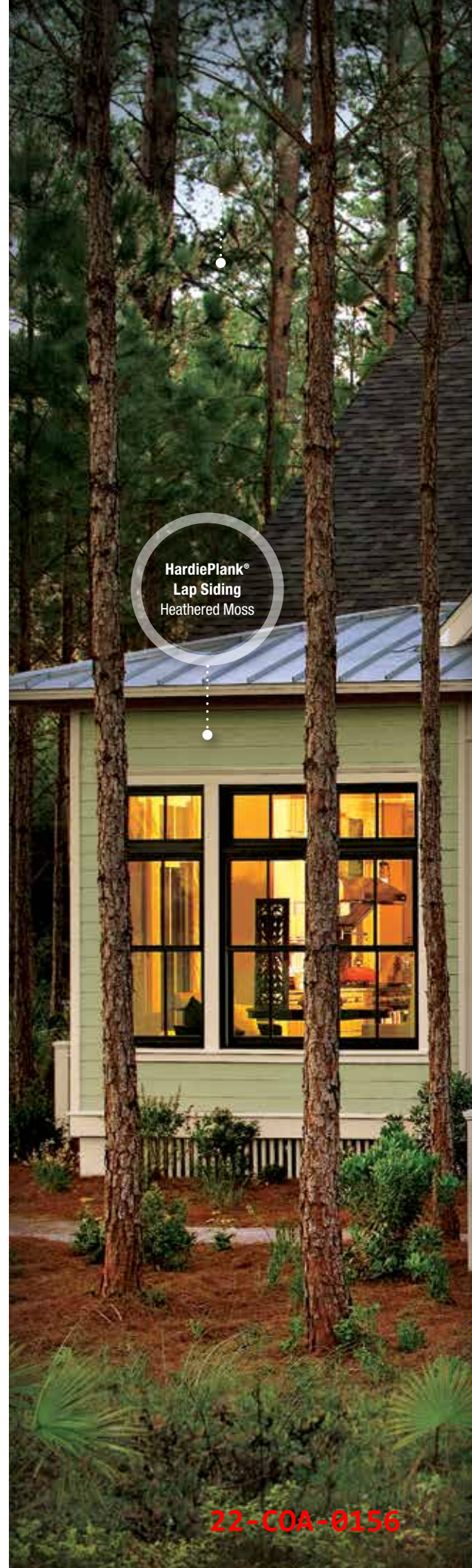


# HardieZone® System

Only James Hardie fiber cement products are Engineered for Climate®. In the northern U.S. and Canada, HZ5® products resist shrinking, swelling and cracking even after years of wet or freezing conditions. HZ10® products help protect homes from hot, humid conditions, blistering sun and more.

With James Hardie siding and trim, homeowners have an exterior that's tougher than the elements and easy on the eyes.

## NO MATTER WHAT NATURE BRINGS







HardieShingle®  
Straight Edge  
Panel  
Mountain Sage

HardieTrim®  
Boards  
Arctic White

## TOUGHER THAN THE ELEMENTS



Stands up to storms  
and harsh weather



Water resistant  
to protect against  
swelling, warping  
and cracking



Won't be eaten by  
animals or insects



Fire resistant



Helps reduce time  
and money spent on  
maintenance

Resist the elements  
**WITH IRRESISTIBLE BEAUTY.**



# Unique Formulation

## HZ5® Substrate

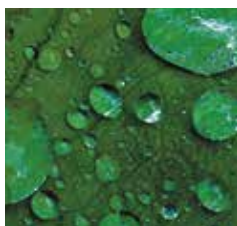
Not all fiber cement is the same. The James Hardie HZ5 product formulation contains the highest quality raw materials. Proprietary additives, combined with an innovative manufacturing process and product design, create a substrate specifically engineered to reduce moisture and resist damage from wet or freezing conditions.

### PROPRIETARY ENHANCEMENTS CREATE DURABLE JAMES HARDIE® SIDING



#### Perfect balance of strength and workability

Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.



#### Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5® substrate matrix to provide durable moisture resistance.

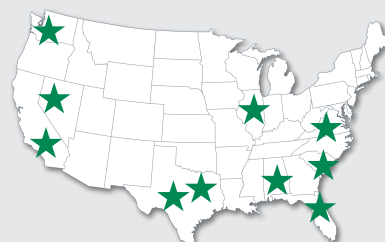


#### Increased dimensional stability

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.



MADE IN THE  
**USA**



**22-COA-0156**



Integrity is ingrained  
**IN EVERYTHING WE DO.**

HardiePlank®  
Lap Siding  
Evening Blue



**The advanced design of HZ5® lap siding improves drainage from top to bottom.**

In addition to the enhanced moisture resistance of our product formulation, HardiePlank® HZ5® lap siding features a modified profile with a sloped top and bullnose drip edge for improved drainage over the entire outer face of the board.



#### **Sloped Top**

Positive slope at top drains moisture to outer face of lap



#### **Profiled Drip Edge**

Bottom bullnose drip edge allows moisture to drain away from lap

**22-COA-0156**



# Finishing Technology

## Primer

A quality primer is the first step to ensuring that the paint color you select beautifully expresses a home's true character now — and for years to come. Our distinctive primer is climate-tested and engineered to enhance the performance of paint on James Hardie® fiber cement siding products. It helps to provide consistent, long-lasting paint adhesion, even in the most demanding conditions.

## ColorPlus® Technology

Our advanced ColorPlus® Technology finishes deliver the ultimate in aesthetics and performance. Our products aren't simply painted at the factory. Our proprietary coatings are baked onto the board, creating a vibrant, consistent finish that performs better, lasts longer and looks brighter on your homes.



### Exceptional finish adhesion

Our proprietary coating is engineered for exceptional adhesion to our substrate and applied to the surface, edges and features for durable performance.



### Superior color retention

Finish is cured onto boards for a stronger bond, which allows for exceptional resistance to cracking, peeling and chipping.



### Superior UV resistance

ColorPlus® Technology finishes retain vibrancy longer when compared to vinyl siding and typical field paints on other siding products.



**ColorPlus®**  
Technology



## Lasting beauty **BEGINS WITH THE FINISH.**

**Our finishes help eliminate stress and reduce costly weather delays** when it's too cold or damp to paint for extended periods. Now there's no reason to question whether or not sub-optimal painting conditions will negatively affect your paint job. In fact, there's no longer any need to paint on-site during installation.

ColorPlus® Technology finishes are fully cured in a controlled environment and arrive on your job site ready for year-round installation.







ColorPlus®  
Technology  
Pearl Gray

ColorPlus®  
Technology  
Iron Gray

For complete confidence wrap your  
**ENTIRE EXTERIOR WITH JAMES HARDIE.**

**22-COA-0156**





## James Hardie Complete Exterior™

Top to bottom, our exterior product line is defined by excellent performance, aesthetics and design options.

Provide protection from the elements, showcase a homeowner's individual style and install peace of mind with exceptional warranties through a single, trusted manufacturer.



HardieShingle®  
Siding



HardiePanel® Vertical  
Siding & HardieTrim®  
Batten Boards



HardiePlank®  
Lap Siding



HardieTrim®  
Boards



HardieSoffit®  
Panels



# HardiePlank®

Sleek and strong, HardiePlank® lap siding is not just our best-selling product – it's the most popular brand of siding in America.

With a full spectrum of colors and textures, homeowners can enjoy protection from the elements and the versatility to make their dream home a reality. From Victorians to Colonials, HardiePlank lap siding sets the standard in exterior cladding.

HardieTrim®  
Boards  
Arctic White

HardiePlank®  
Lap Siding  
Select Cedarmill®  
Khaki Brown

A classic look for  
**THE HOME OF THEIR DREAMS.**

# HardiePlank®

Thickness 5/16 in

Length 12 ft planks

## SELECT CEDARMILL® & SMOOTH

Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
Exposure	4 in	5 in	6 in	7 in	8 in
Prime Pcs/Pallet	360	308	252	230	190
ColorPlus Pcs/Pallet	324	280	252	210	—
Pcs/Sq	25.0	20.0	16.7	14.3	12.5

## SELECT CEDARMILL®



Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
STATEMENT COLLECTION™				✓	
DREAM COLLECTION™	✓	✓	✓	✓	
PRIME	✓	✓	✓	✓	✓

## SMOOTH



Width	5.25 in	6.25 in	7.25 in	8.25 in	9.25 in*
STATEMENT COLLECTION™					
DREAM COLLECTION™	✓	✓	✓	✓	
PRIME	✓	✓	✓	✓	✓

## BEADED CEDARMILL®

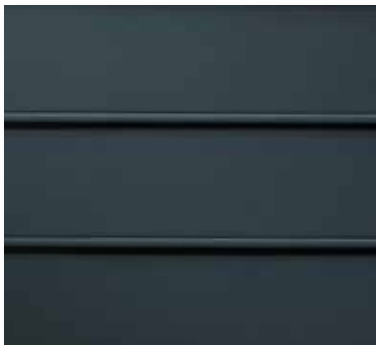


## BEADED CEDARMILL® & BEADED SMOOTH

Width	8.25 in
Exposure	7 in
Prime Pcs/Pallet	240
ColorPlus Pcs/Pallet	210
Pcs/Sq	14.3

STATEMENT COLLECTION™	
DREAM COLLECTION™	✓
PRIME	✓

## BEADED SMOOTH



\*9.25 in widths do not feature the drip edge



# HardiePanel®

HardiePanel® vertical siding delivers style and substance. When combined with HardieTrim® boards, it achieves the rustic board-and-batten look that defines cottage charm. The covered seams contribute to a well-insulated home.

Its crisp, clean lines make HardiePanel vertical siding a smart choice for strong, contemporary designs.



HardiePanel®  
Vertical Siding  
Evening Blue

HardieTrim®  
Batten Boards  
Evening Blue

True to your needs of  
**PERFORMANCE AND BEAUTY.**



# HardiePanel®

Thickness 5/16 in

## SELECT CEDARMILL®, SMOOTH, STUCCO & SIERRA 8

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Prime Pcs/Pallet	50	50	50
ColorPlus Pcs/Pallet	50	—	50
Pcs/Sq	3.2	2.8	2.5

### SELECT CEDARMILL®



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			✓
DREAM COLLECTION™	✓		✓
PRIME	✓	✓	✓

### SMOOTH



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			✓
DREAM COLLECTION™	✓		✓
PRIME	✓	✓	✓

### STUCCO



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			
DREAM COLLECTION™	✓		✓
PRIME	✓	✓	✓

### SIERRA 8



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			
DREAM COLLECTION™			
PRIME	✓	✓	✓



# HardieShingle®

Restore the look of a grand Cape Cod or add distinction to a handsome bungalow. HardieShingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

Better than the real thing, HardieShingle siding resists rotting, curling, warping and splitting.

HardieTrim®  
Boards  
Arctic White

HardieShingle®  
Straight  
Edge Panel  
Pearl Gray

Achieve the handcrafted  
**LOOK OF CEDAR.**



# HardieShingle®

Thickness 1/4 in



## STAGGERED EDGE PANEL

Length	48 in
Height	15.25 in
Exposure	6 in
Prime Pcs/Pallet	100
ColorPlus Pcs/Pallet	100
Sq/Pallet	2
Pcs/Sq	50.0

STATEMENT COLLECTION™	✓
DREAM COLLECTION™	✓
PRIME	✓



## STRAIGHT EDGE PANEL

Length	48 in
Height	15.25 in
Exposure	7 in
Prime Pcs/Pallet	86
ColorPlus Pcs/Pallet	86
Sq/Pallet	2
Pcs/Sq	43.0

STATEMENT COLLECTION™	✓
DREAM COLLECTION™	✓
PRIME	✓

# HardieTrim®

Form meets function at every angle with HardieTrim® boards. With an authentic look, HardieTrim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

Better than wood, it will complement your long-lasting, lower maintenance James Hardie® siding – adding punctuation to your design statement.



HardieTrim®  
Boards  
Khaki Brown

HardiePlank®  
Lap Siding  
Navajo Beige

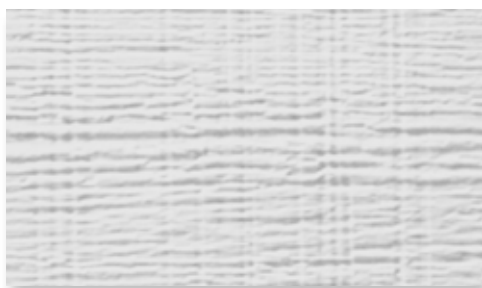
The performance you require.  
**THE DISTINCTIVENESS YOU DESIRE.**



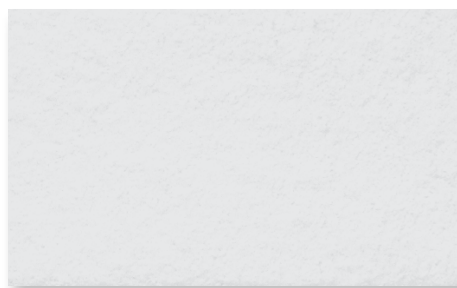
# HardieTrim®

Length 12 ft boards

## ROUGHSAWN



## SMOOTH



### 4/4 ROUGHSAWN

Thickness	.75 in				
Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	312	208	156	104	104
ColorPlus Pcs/Pallet	312	208	156	104	104

#### STATEMENT COLLECTION™

DREAM COLLECTION™	✓	✓	✓	✓	✓
-------------------	---	---	---	---	---

PRIME	✓	✓	✓	✓	✓
-------	---	---	---	---	---

### 4/4 SMOOTH

Thickness	.75 in				
Width	3.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	312	208	156	104	104
ColorPlus Pcs/Pallet	312	208	156	104	104

#### STATEMENT COLLECTION™

DREAM COLLECTION™	✓	✓	✓	✓	✓
-------------------	---	---	---	---	---

PRIME	✓	✓	✓	✓	✓
-------	---	---	---	---	---

### 5/4 ROUGHSAWN

Thickness	1 in					
Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	240	200	160	120	80	80
ColorPlus Pcs/Pallet	240	200	160	120	80	80

#### STATEMENT COLLECTION™

DREAM COLLECTION™	✓	✓	✓	✓	✓	✓
-------------------	---	---	---	---	---	---

PRIME	✓	✓	✓	✓	✓	✓
-------	---	---	---	---	---	---

### 5/4 SMOOTH

Thickness	1 in					
Width	3.5 in	4.5 in	5.5 in	7.25 in	9.25 in	11.25 in
Prime Pcs/Pallet	240	200	160	120	80	80
ColorPlus Pcs/Pallet	240	200	160	120	80	80

#### STATEMENT COLLECTION™

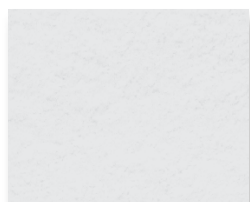
DREAM COLLECTION™	✓	✓	✓	✓	✓	✓
-------------------	---	---	---	---	---	---

PRIME	✓	✓	✓	✓	✓	✓
-------	---	---	---	---	---	---

AW - Arctic White only. Not available in the standard trim product Statement Collection™ color offering.

## BATTEN BOARDS

### SMOOTH



### RUSTIC GRAIN®



### SMOOTH & RUSTIC GRAIN®

Thickness	.75 in
Width	2.5 in
Prime Pcs/Pallet	190
ColorPlus Pcs/Pallet	437

#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

#### PRIME



# HardieSoffit®

---

A home is only as strong as its weakest point. HardieSoffit® panels reinforce your work by protecting the vulnerable gap between eaves and exterior walls.

Available in vented, non-vented and a range of pre-cut sizes, these panels complete your design and help protect it from moisture and pests.

## VENTILATION BENEFITS

Using vented soffit improves ventilation in the attic space and reduces the chance of water vapor condensation that can lead to issues such as mold and mildew growth, stained ceilings and damage to the framing of the house.

In warm climates, HardieSoffit panels allow hot, humid air to escape, which not only helps prevent condensation in the attic, but can also help reduce air conditioning costs.

In cool climates, HardieSoffit panels help prevent condensation from forming on the interior side of the roof sheathing and reduce the chances of roof-damaging ice dams.

HardieSoffit®  
Panels  
Dream Collection™  
product

For complete confidence  
**EVERY DETAIL MATTERS.**



# HardieSoffit®

Thickness 1/4 in

## VENTED SMOOTH & SELECT CEDARMILL®

Length	12 ft	12 ft	8 ft
Width	12 in	16 in	24 in
Prime Pcs/Pallet	200	150	100
ColorPlus Pcs/Pallet	216	156	108

### VENTED SMOOTH



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
------	---------------	---------------	--------------

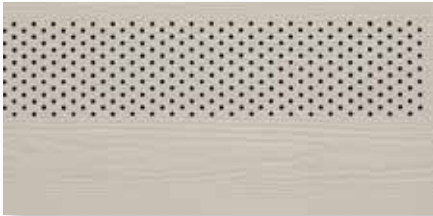
#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

#### PRIME

✓	✓	✓
✓	✓	✓

### VENTED SELECT CEDARMILL®



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in
------	---------------	---------------	--------------

#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

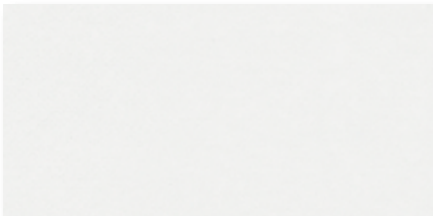
#### PRIME

✓	✓	✓
✓	✓	✓

## NON-VENTED SMOOTH & SELECT CEDARMILL®

Length	12 ft	12 ft	8 ft	8 ft
Width	12 in	16 in	24 in	48 in
Prime Pcs/Pallet	200	150	100	50
ColorPlus Pcs/Pallet	216	156	108	—

### NON-VENTED SMOOTH



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
------	---------------	---------------	--------------	--------------

#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

#### PRIME

✓	✓	✓	✓
✓	✓	✓	✓

### NON-VENTED SELECT CEDARMILL®



Size	12 ft x 12 in	12 ft x 16 in	8 ft x 24 in	8 ft x 48 in
------	---------------	---------------	--------------	--------------

#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

#### PRIME

✓	✓	✓	✓
✓	✓	✓	✓

### BEADED PORCH PANEL



### BEADED PORCH PANEL

Thickness	1/4 in
Length	8 ft
Width	48 in
Prime Pcs/Pallet	50

#### STATEMENT COLLECTION™

#### DREAM COLLECTION™

#### PRIME

—
✓
✓

# STATEMENT COLLECTION™

Make your next home stand out with our Statement Collection™ products. Carefully curated by our design experts specifically for your market, the collection brings together the most popular James Hardie ColorPlus® siding and trim styles, textures, and colors. This stunning selection is locally stocked and designed for simplicity - making it easier than ever to get a beautiful, long-lasting home exterior.

## ColorPlus® Technology

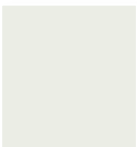

### Plank, Panel, Shingle and Batten Color Offering

			
ARCTIC WHITE	COBBLE STONE	NAVAJO BEIGE	KHAKI BROWN
			
MONTEREY TAUPE	WOODSTOCK BROWN	TIMBER BARK	RICH ESPRESSO
			
HEATHERED MOSS	MOUNTAIN SAGE	LIGHT MIST	PEARL GRAY
			
GRAY SLATE	BOOTHBAY BLUE	EVENING BLUE	DEEP OCEAN
			
AGED PEWTER	NIGHT GRAY	IRON GRAY	COUNTRYLANE RED

### Trim Color Offering

					
ARCTIC WHITE	COBBLE STONE	KHAKI BROWN	MONTEREY TAUPE	TIMBER BARK	IRON GRAY

### Soffit Color Offering

		
ARCTIC WHITE	COBBLE STONE	TIMBER BARK

Colors shown are as accurate as printing methods will permit. Please see actual product sample for true color.

**22-COA-0156**



# HardiePlank®

Thickness 5/16 in  
Length 12 ft planks



## SELECT CEDARMILL®

Width 8.25 in  
Exposure 7 in  
ColorPlus 210  
Pcs./Pallet

# HardiePanel®

Thickness 5/16 in



## SELECT CEDARMILL® & SMOOTH

Size 4 ft x 10 ft  
ColorPlus 50  
Pcs./Pallet

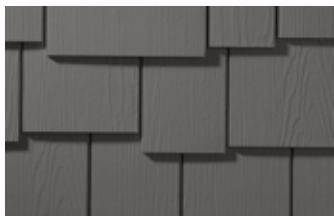
# HardieShingle®

Thickness 1/4 in  
Length 48 in



## STRAIGHT EDGE PANEL

Height 15.25 in  
Exposure 7 in  
ColorPlus 86  
Pcs./Pallet

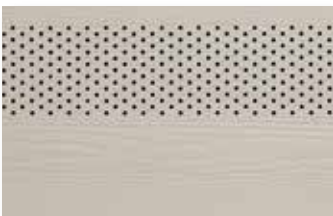


## STAGGERED EDGE PANEL

Height 15.25 in  
Exposure 6 in  
ColorPlus 100  
Pcs./Pallet

# HardieSoffit®

Thickness 1/4 in  
Length 12 ft



## VENTED CEDARMILL®

Width 12 in  
ColorPlus 216  
Pcs./Pallet



## NON-VENTED CEDARMILL®

Width 12 in  
ColorPlus 216  
Pcs./Pallet

# HardieTrim®

## 4/4 SMOOTH



Thickness .75 in  
Length 12 ft boards  
Width 3.5 in\* 5.5 in 7.25 in 9.25 in\* 11.25 in\*  
ColorPlus 312 208 156 104 104  
Pcs./Pallet

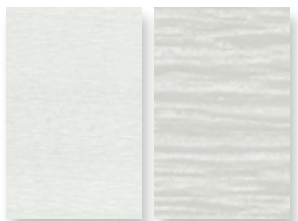
## 5/4 SMOOTH



1 in  
Length 12 ft boards  
Width 3.5 in 5.5 in 7.25 in 9.25 in\* 11.25 in  
ColorPlus 240 160 120 80 80  
Pcs./Pallet

## BATTEN BOARDS

## 4/4 SMOOTH & RUSTIC GRAIN®



.75 in  
Length 12 ft boards  
Width 2.5 in  
ColorPlus 190  
Pcs./Pallet

\*Only available in Arctic White



Selecting a color? Request a product sample  
at [jameshardiepros.com/samples](https://jameshardiepros.com/samples) 23  
**22-COA-0156**

# Get Inspired

## CRISP & CLEAN

### LIGHT COLORS

Whites and soft pastels are pure, clean, new and bright. Combine with other hues to add interest, personality and contrast. Works well on houses with Colonial Inspiration. A pastel A-frame cottage can look sweet and charming.



Arctic White



Navajo Beige



Cobble Stone



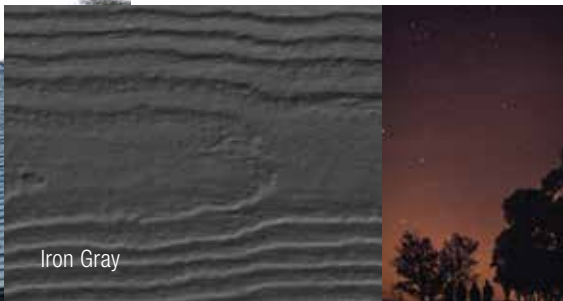
## SUBTLE & SOPHISTICATED

### NEUTRAL COLORS

Neutral rules the suburbs. These shades are safe, but also sophisticated. When accessorized with black or a darker color, a neutral can look fashionably stylish. Play with textures and use different tones for trim.

**22-COA-0156**





Iron Gray



Evening Blue



Night Gray



## A BOLD CHOICE

### DARK COLORS

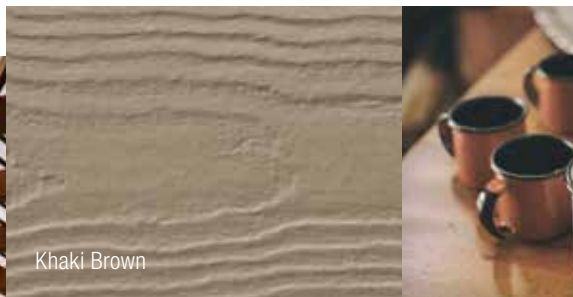
Dark grays, blues and greens can feel both intellectual and modern. When used with white trim, they create drama. Works well in old neighborhoods, or urban environments, where there is a mix of old and new.

## DREAM COLLECTION™

Looking to further express your sense of style? Look to our Dream Collection™ products.

- Featuring a color palette of over 700 ColorPlus® Technology finishes
- Made to order in a wide array of James Hardie® siding and trim styles
- Matches elevated design flexibility with the uncompromising performance of our fiber cement products

To see what's possible and order Dream Collection product samples visit [jameshardiepros.com/dream](https://jameshardiepros.com/dream)



Khaki Brown



Timber Bark



Monterey Taupe



# HardieWrap®

No exterior cladding can prevent 100% of water intrusion. Your homes should have an additional line of defense. HardieWrap® weather barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.

## INSTALLATION ADVANTAGES

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify



We've got performance covered  
**FROM THE INSIDE OUT.**



### WEATHER BARRIER

Thickness	11 mil			
Length	100 ft	100 ft	150 ft	150 ft
Width	3 ft	9 ft	9 ft	10 ft

### PRO-FLASHING

Thickness	20 mil		
Length	75 ft	75 ft	75 ft
Width	4 in	6 in	9 in

### FLEX FLASHING

Thickness	60 mil	
Length	75 ft	75 ft
Width	6 in	9 in

### SEAM TAPE

Thickness	3.2 mil
Length	164 ft
Width	1-7/8 in



To learn more about our weather barrier's advantages, visit [jameshardiepros.com](https://jameshardiepros.com)

**22-COA-0156**



# Install Done Right

## Installation Accessories

### HARDIEBLADE® SAW BLADES

Manufactured by Diablo, the HardieBlade® saw blade is designed specifically to cut fiber cement products, and is the only saw blade James Hardie recommends. The blade creates clean, precise cuts while helping to reduce the amount of airborne dust produced. Specially designed to outlast other fiber cement saw blades by 3X, outlasting carbide blades by 60X.



### PACTOOL® GECKO GAUGE

The PacTool® Gecko Gauge is designed to improve the installation experience, allowing one person to hang HardiePlank® lap siding during installation. Studies suggest the Gecko Gauge can improve the speed of solo installation by 30%.



## Finishing Touches

### ColorPlus® Technology Accessories

#### TOUCH-UP KITS

Specially formulated to match ColorPlus Technology finishes, our touch-up kits offer resistance to aging, color change and chalking. Estimated one kit per 4000 sq ft of siding or 1600 sq ft of trim.



#### COLOR MATCHED CAULK

OSI® QUAD® MAX sealant offers a high performance sealant solution to color match Statement Collection™ products.\* About 18-20 linear feet per tube. Refer to packaging for manufacturer's recommendations.

*\*For matching Dream Collection products, contact your local James Hardie representative.*

## Trim Accessories

#### FLAT TABS

Eliminate face nails and improve the aesthetic of trim applications around windows, doors and band boards.

#### CORNER TABS

Use corner tabs to eliminate face nail holes that would detract from the finished look of corner trim installations.



Find useful job-site tips in our industry-leading Best Practices Guide. For the latest installation instructions, visit [jameshardiepros.com](https://www.jameshardiepros.com)



HardieTrim®  
Boards  
Arctic White

HardiePlank®  
Select Cedarmill®  
Timber Bark

As unforgettable  
**AS IT IS UNCOMPROMISING.**





## See the James Hardie Difference



James Hardie invented fiber cement. Over 8 million homes\* later, we continue to set the standard in premium, high-performance exterior cladding. Our products deliver uncompromising durability and finish quality for a beautiful, lower maintenance exterior.

Our unrivaled investment in R&D and constant innovations in product design, manufacturing and distribution allow us to remain steps ahead of the competition. With the support of our employees, partners and exceptional warranties, we're committed to protecting your customers' homes while helping your business grow.

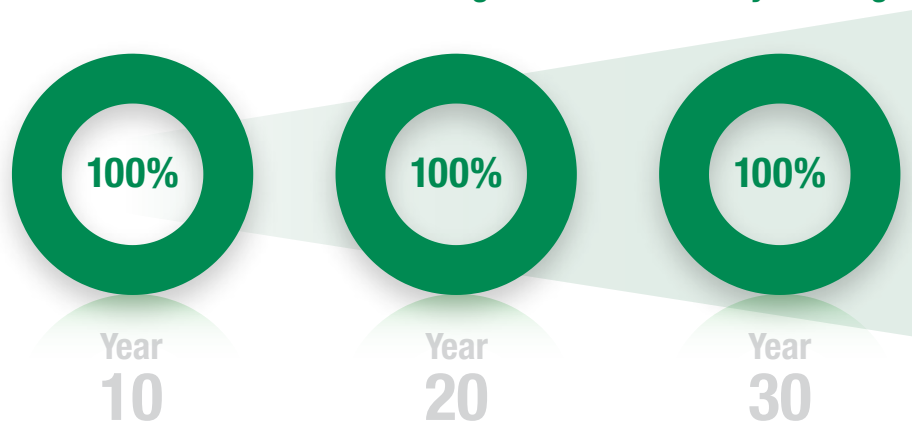
\*Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

## Warranty – for peace of mind

Protect your homes with North America's #1 brand of siding backed by exceptional warranties. Unlike other brands, James Hardie doesn't prorate our siding and trim warranty coverage. We stand behind our siding 100% for 30 years and trim for 15 years.

ColorPlus® Technology finishes come with a 15-year limited warranty.

### James Hardie Non-Prorated Siding Substrate Warranty Coverage



## Endorsements – a reputation built on trust

For decades, our fiber cement products have been used to create better places to live. Each new home stands as a testament to our uncompromising quality. That proven track record has earned the loyalty of millions of homeowners and the endorsements of trusted authorities across the building industry.



Listed as top building materials & products by **Professional Builder 2018**



Chosen by builders as a **Brand Leader** in **Builder magazine** for over 20 years



**James Hardie® siding & trim products** have earned the **Good Housekeeping Seal**





HardieTrim®  
Boards  
Arctic White

HardieShingle®  
Straight Edge  
Pearl Gray

Make every home  
**STAND UP AND STAND OUT.**





**HardiePanel®**  
Vertical Siding  
Iron Gray

**HardieTrim®**  
Batten Boards  
Iron Gray

1.888.542.7343 | [jameshardiepros.com](https://jameshardiepros.com)

© 2020 James Hardie Building Products Inc. All Rights Reserved. TM, SM, and ® denote trademarks or registered trademarks of James Hardie Technology Limited. OSI and QUAD are trademarks of Henkel Corporation. HS2026 03/20



**JamesHardie™**

Siding | Trim

**22-COA-0156**



# INSTALLATION & MAINTENANCE

## Insulated Steel Residential Garage Door Instructions

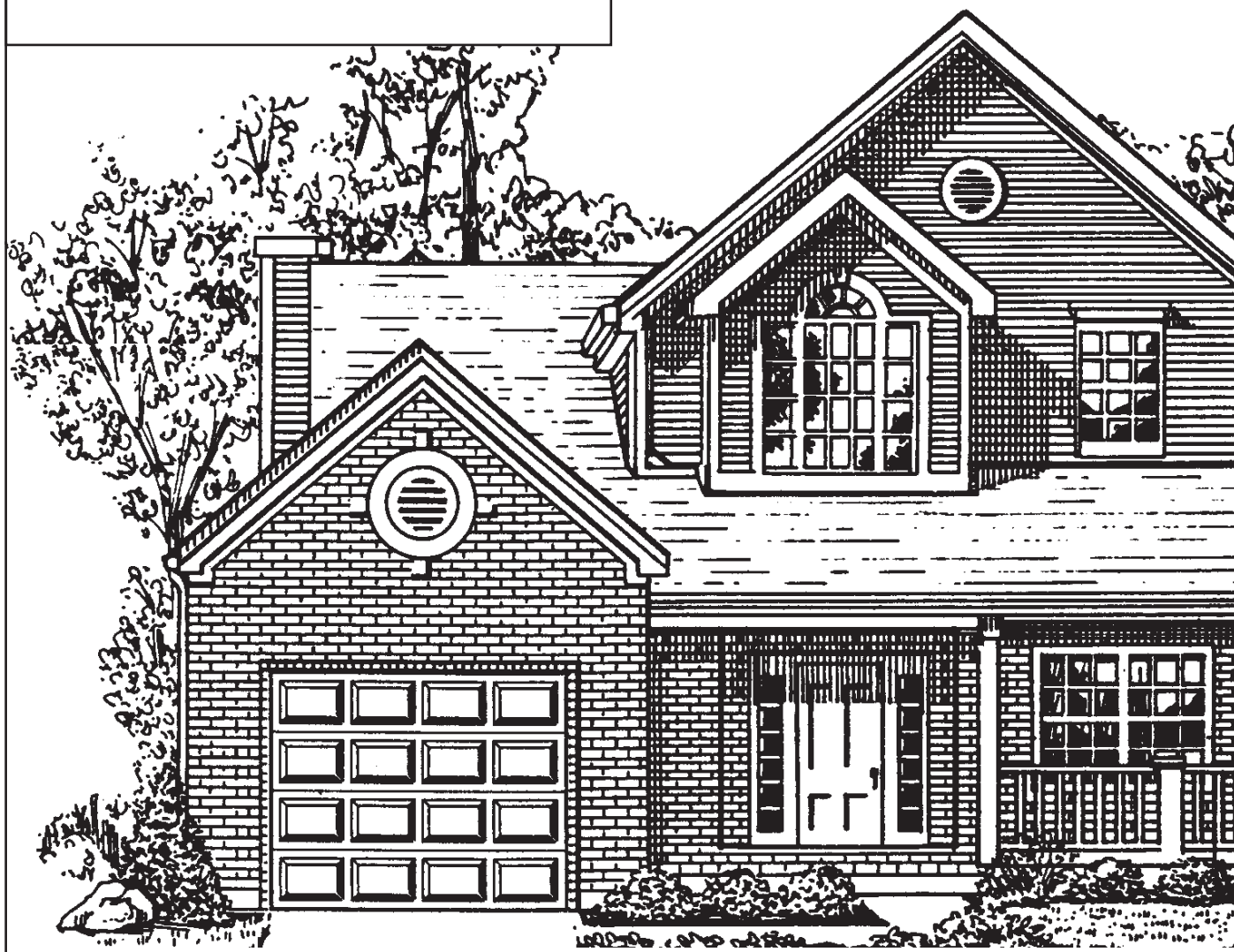
Model: \_\_\_\_\_ Serial No. \_\_\_\_\_  
(Provided on label on interior door surface)

Size: \_\_\_\_\_ Register your product online at <http://warranty.clopaydoor.com>

**Homeowners Should Retain This Booklet For Future Reference**

Installed By: \_\_\_\_\_

**Clopay®** BUILDING PRODUCTS  
*A Griffon Company*



**CONSUMER HOTLINE • 1-800-225-6729**

Hours of Operation (Eastern Time): Mon. – Fri., 8:30 AM - 7 PM; Sat. 8:30 AM - 5 PM.

**22-COA-0156**

# Clopay® Limited Warranty

## Steel Door Limited Warranty Information

We will repair or replace (at our option) any garage door section or hardware that is defective in material or workmanship pursuant to the terms of this limited warranty. This warranty extends to and benefits only the original purchaser of the garage door. This warranty does not apply to commercial, industrial or any other non-residential installation.

We will provide, at no cost to you, sections/section components, hardware, springs/spring components or windows to repair or replace defective sections, hardware, springs/spring components or windows. All labor costs associated with the removal and reinstallation of any repaired section/section components, hardware or spring/spring components and the installation of replacement sections/section components, hardware, spring/spring components or windows will be your responsibility. We reserve the right to inspect and/or verify any claimed defect.

The applicable limited warranty periods are as follows:

Model #	Paint System	Windows	Sections/Delamination	Hardware/ Springs
62, 62G, 64 64G, 65, 65G, 66, 66G, 67, 67G, 68, 68G, 2050, 2051, 2053, 4050, 4051, 4053, 4300, 4301, 4310, 6130, 6131, 6133, 6230, 6231, 6233, 7130, 7131, 7133, 7200, 7201, 7203, 9130, 9131, 9132, 9133, 9134, 9200, 9201, 9202, 9203, 9204, HDG, HDGF, HDGL, HDPS13, HDPL13, HDPF13, HDPS20, HDPL20, HDPF20	Limited Lifetime	10 yrs.	5 yrs.	3 yrs.

Terms and limitations of the limited warranty are further detailed below:

### Paint System Limited Warranty

Clopay warrants the sections of the Models listed above against rust through due to the paint finish cracking, checking or peeling (losing adhesion) as follows: (a) in residential single family installations for the years designated above from the date of delivery to the original purchaser; (b) in all other residential installations (including installations on facilities owned in common by condominium associations or similar organizations), for ten (10) years from date of delivery to the original purchaser, pursuant to the terms of this limited warranty.

### Hardware/Spring & Spring Component/Sections/Section Components Limited Warranty

We will repair or replace (at our option) any garage door hardware, section/section components, spring and/or spring component that is defective in material or workmanship for the term defined in the chart above, pursuant to the terms of this limited warranty. In addition, we will repair or replace (at our option) any garage door section/section components that is defective in material or workmanship, including, but not limited to, delamination of the polystyrene insulation from the steel skin.

### Decorative Windows – 10 Year Limited Warranty

Designer windows, snap-in inserts, clear acrylic windows and window frames are warranted for ten (10) years from date of purchase against manufacturing defects and excessive discoloration. This warranty does not cover any damage or loss caused by harmful chemical action, abrasive cleansers, or breakdowns due to climate extremes or environmental conditions. Insulated glass is warranted for a period of ten (10) years for material obstruction of vision resulting from film formation or dust or moisture collection between the interior surface of the insulating glass window, pursuant to the terms of this limited warranty. No warranty is available for single pane glass.

WE WILL NOT PAY FOR ANY DAMAGES, INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES, CAUSED BY OR RESULTING FROM DEFECTIVE GARAGE DOOR SECTIONS OR HARDWARE. Some states do not allow the exclusion of incidental or consequential damages, so the above limitation may not apply to you.

Our warranty shall not extend to or cover deterioration due to damage or rust to the garage door caused by fire, an act of God, other accident or casualty, vandalism, radiation, harmful fumes or foreign substances in the atmosphere, or occurring as a result of any physical damage or the failure of paint that is not applied per the manufacturer's specifications after the garage door left our factory, or failure to follow all installation and maintenance instructions. Nor shall our warranty extend to or cover any damages due to normal wear and tear, or claims with respect to any products that in any way or degree have been altered, processed, misused or improperly handled or installed.

If your garage door does not conform to this warranty, notify us in writing at the following address promptly after discovery of the defect. Clopay Building Products, Attn: Consumer Services Dept., 1400 West Market Street, Troy, Ohio 45373. Additional copies of our installation and maintenance instructions may be obtained by calling 1-800-225-6729.

WE MAKE NO OTHER WARRANTIES, REPRESENTATIONS, OR COVENANTS, EXPRESS OR IMPLIED, WITH RESPECT TO THIS PRODUCT, INCLUDING BUT NOT LIMITED TO WARRANTIES, REPRESENTATIONS OR COVENANTS AS TO WORKMANSHIP, DESIGN, CAPACITY, QUALITY, CONDITION, MERCHANTABILITY, OR FITNESS FOR ANY PURPOSE OF THE PRODUCT, EXCEPT FOR ANY "IMPLIED WARRANTY" AS THAT TERM IS DEFINED IN THE MAGNUSON-MOSS WARRANTY-FEDERAL TRADE COMMISSION IMPROVEMENT ACT, SUCH IMPLIED WARRANTIES TO BE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.



Clopay® Building Products, Inc.  
A Griffon Company, Inc. 2012



# Table of Contents

## Introduction and Opening Preparation

STEP 1 – Things to Know Before You Begin .....	3
STEP 2 – Read Safety Information .....	4
STEP 3 – Check Headroom, Backroom, Sideroom.....	5
STEP 4 – Removing the Existing Door Springs .....	6
STEP 5 – Removing Door Sections and Track .....	7
STEP 6 – Preparing the Opening.....	7

## Preparing the New Door

Typical Garage Door Installation Illustration.....	8
Hardware Components.....	9

## Installing the New Door

STEP 7 – Preparing Bottom Section .....	10
STEP 8 – Lift Handle Attachment.....	12
STEP 9 – Installing Door Sections.....	13
STEP 10 – Reinforcing the Top Section for Opener Attachment .....	14
STEP 11 – Assembling and Installing Track .....	15
STEP 12 – Lock Installation (if included).....	17
STEP 13 – Pull Rope.....	17
STEP 14 – Spring Installation.....	17
STEP 15 – Attaching an Automatic Opener .....	18

## Maintenance/Adjustments/Options

Painting and Windows.....	19
Maintenance .....	20
Checking and Adjusting the Door.....	20
Replacement Parts.....	20

## STEP 1 – Things to Know Before You Begin

- Read the instructions completely before starting the installation of the door. Becoming familiar with the components before assembling the door will reduce the installation time.
- Be sure all hardware components for your new door are included before removing existing door (see pages 8,9). If your door is missing any parts, call the toll-free Consumer Services number listed on the front of this manual.
- Allow enough time to do the work; removing an existing door will take approximately 1-3 hours.
- An assistant may be required for lifting the unsprung door. It can weigh from 100 to 500 pounds.
- A typical installation takes between 9 and 12 hours to complete.
- Keep in mind when planning the installation that the garage will be open and unsecured when disassembling the old and assembling the new door.
- If the garage door is the only opening in the structure make sure everything you need is inside. You will have no way of leaving the garage until the track is assembled and installed. This will take approximately 5 hours.
- To avoid damage to the door, you must reinforce the top section of the door in order to provide a strengthened mounting point for attachment of an automatic opener (see page 14).
- Low Headroom doors require special instructions. Options for doors with low headroom can be found on page 5. Purchase of additional hardware may be required. Check headroom requirements in the chart on page 5 before beginning.
- To avoid installation problems which could result in personal injury or property damage, never reuse old track or hardware.
- Doors installed in high windload regions (Florida and other high wind prone areas) may require additional reinforcement beyond what is detailed in these instructions. Please refer to supplemental instructions for these areas.
- Express warranties apply only to doors installed using original, factory-supplied sections, parts, and hardware installed in strict accordance with these instructions.

### Tools Needed

- "C" Clamps or Locking Pliers
- Hammer
- Screwdriver
- Tape Measure
- Level
- Socket wrench kit
- Pliers
- Drill, 1/4", 3/16", & 3/8" drill bits, and 7/16" socket bit
- Step ladder
- Saw horses (with carpet or other soft material on top surface) or other supports for placing section on while assembling
- Hacksaw
- Wood Saw
- T-Square
- Additional tools may be required; see the Spring Supplement for more information.

### Additional Material Required

- Light household oil
- 1-1/4" x 1-1/4" Minimum punched angle
  - 13 ga. (3/32") minimum thickness for Operator Reinforcement (see page 14)
  - 16 ga. (1/16") minimum thickness for rear track hangers on doors weighing up to 300 lbs. that use torsion springs, or doors weighing up to 150 lbs. that use extension springs. If your door exceeds these weight limitations, or if you do not know the weight of your door, 13 ga. angle should be used. (See page 16)
- Eight 3/8" x 1" bolts and nuts for rear track hangers
- Six 5/16" x 11/2" lag screws for rear track hangers
- Ten 10d 3" nails
- Stop Molding
- Wood Block
- Rope

## STEP 2 – READ THIS SAFETY INFORMATION IMPORTANT!

**To Protect Yourself From Injury You Must Carefully Read The Following Safety Information and Warnings Before You Install Or Use Your New Garage Door**

- You can install your new garage door yourself IF...
  - a) you have help (it may weigh up to 500 lbs.);
  - b) you have the right tools and reasonable mechanical aptitude or experience; and
  - c) you follow these instructions very carefully.
- Garage doors use springs to balance them. There are two types of springs installed — extension or torsion. Each of these is available in either a standard or EZ-Set™ assembly option. Please look at the drawings on page 8 to see which springs your old door has.
- **If your old door uses torsion springs, do not attempt to remove the door or the springs yourself.** Have a qualified door repair service remove them. Attempting to remove a torsion spring assembly without proper training or tools may result in an uncontrolled release of spring forces which can cause serious or fatal injury.
- **Only the track specified and supplied with the door should be used.**
- The brackets at the bottom corners of your garage door are under great tension. **Do not attempt to loosen any bracket fasteners except when and as directed in detail in the following instructions.** Otherwise, the bracket could spring out with dangerous force.
- **Do not permit children to play beneath or with any garage door or electric operating controls.**
- In removing a garage door that has extension springs, follow the instructions carefully, including the use of “C” clamps or locking pliers on both sides of the door in order to keep the door from moving once the springs are removed.
- Keep hands and fingers clear of section joints, track, and other door parts when the door is opening and closing to avoid injury. The lift handles are located for safe operation as well as easy use.
- Bolts must be installed at the rear end of horizontal tracks. These act to stop the rollers and keep the door from rolling off the back of the track.
- Track installations must use sway braces on the rear track hangers to prevent sideways movement. If the tracks are not firmly stabilized they might spread, allowing the door to fall and cause severe injury and damage.
- Springs, cables, and bottom fixtures are under strong spring tension. **Do not attempt to loosen any fasteners on these components.** You could suddenly release spring forces and risk severe injury.
- If the garage door and/or any of the supporting track are damaged, operating the door could be hazardous. Call an authorized representative of the manufacturer or professional door repair service promptly.
- If repairs are ever required to your door, safety and trouble-free operation can be best assured by using original replacement parts.
- Once you have completed the installation of your new garage door, please be sure that your garage complies with all applicable ventilation requirements before you enclose any vehicles in the garage. Good ventilation avoids fire and health hazards caused by fumes accumulating within a well-sealed garage.
- Clopay Building Products Company disclaims all liability for any installation that is not in compliance with applicable state or county building codes.
- Doors equipped with automatic door operators can cause serious injury or death if not properly adjusted and operated. To ensure safety of these doors:
  - a) test the sensitivity of the operator's safety reverse mechanism monthly;
  - b) if your door has a pull down rope, you must remove the pull down rope;
  - c) make sure the door remains unlocked;
  - d) do not allow children to play with the controls.



### WARNING

**In the interest of safety this symbol means WARNING or CAUTION. Personal injury and/or property damage may occur unless instructions are followed carefully.**



### STEP 3 – Check Headroom/ Backroom/ Sideroom

Headroom is the space needed above the top of the door for the door, the overhead tracks, and the springs. Measure to check that there are no obstructions in your garage within that space. The normal headroom space requirement is shown in Table 3-A. The backroom distance is measured from the back of the door into the garage, and should be at least 18" more than the height of the garage door. A minimum sideroom of 3-3/4" (5-1/2" for EZ-Set™ Extension Spring) should be available on each side of the door on the interior wall surface to allow for attachment of the vertical track assembly. The rough opening should be the same size as the door. (FIG. 3-A)

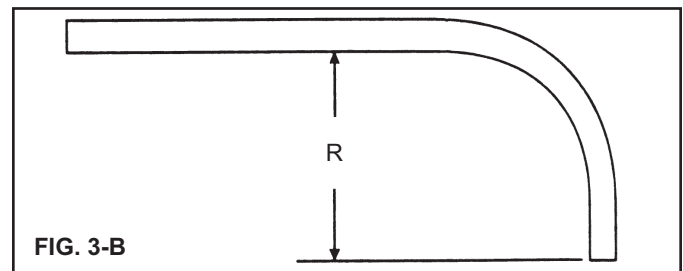
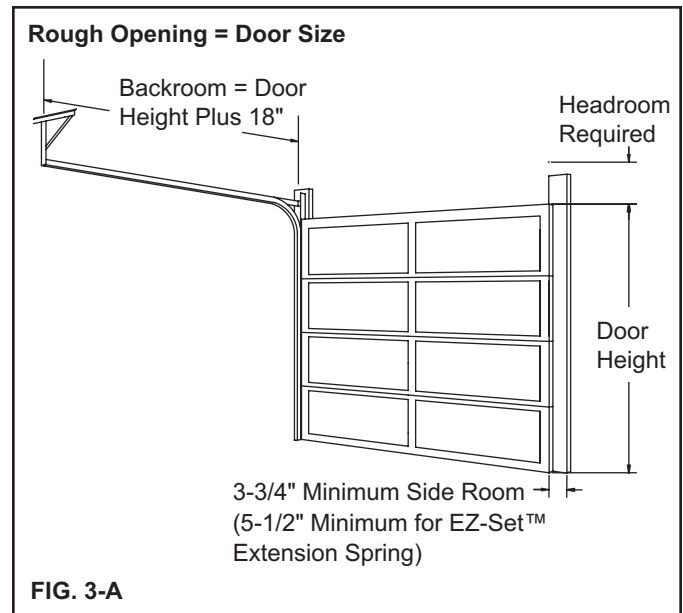
**Track Radius:** The radius of your track can be determined by measuring the dimension "R" in FIG. 3-B. If dimension "R" measures 11" to 12", then you have a 12" radius track. If "R" equals 14" to 15", then you have a 15" radius track. (FIG. 3-B)

#### Headroom requirements

The standard headroom space requirement is shown in Table 3-A at right. (See page 8 if you have a question on which type of spring you have.)

**Low Headroom?** If you have restricted headroom, several remedies are available. See Table 3-B for various options.

**NOTE:** Installation of the various Low Headroom Options differs from the installation of a standard headroom door. Supplemental instructions are included with the hardware of each Low Headroom Option.



**Table 3-A: Standard Headroom Requirement Chart**

Spring Type	Track Radius	Headroom Required
EZ-Set™ Extension Spring or Extension Spring	12"	10"
EZ-Set™ Extension Spring or Extension Spring	15"	12"
EZ-Set™ Torsion Spring or Torsion Spring	12"	12"
EZ-Set™ Torsion Spring or Torsion Spring	15"	14"

**Table 3-B: Low Headroom Options\***

Spring Type	Low Headroom Option	Reduces Required Headroom to:	How can I get this option?
Extension and EZ-Set™ Extension	Low Headroom Track	4-1/2"	Order Low Headroom Track.
Extension and EZ-Set™ Extension	Low Headroom Conversion Kit (Modifies Standard Track)	4-1/2"	Available at most retail stores.
Extension and EZ-Set™ Extension	Quick Turn Bracket	8" on 12" Radius Track	Order Quick Turn Bracket Set.
EZ-Set™ Torsion	Low Headroom Track (Front Mount Spring)	9-1/2"	Order Low Headroom Track.
EZ-Set™ Torsion	Low Headroom Conversion Kit (Modifies Standard Track)	9-1/2"	Available at most retail stores.
Torsion	Low Headroom Track (Front Mount Spring)	9-1/2"	Available from and should be installed by professional installer only.
Torsion	Low Headroom Track (Rear Mount Spring)	4-1/2"	Available from and should be installed by professional installer only.

\*About 3" of additional headroom height at the center plus additional backroom is needed to install an automatic garage door opener. Check door opener instructions.

## STEP 4 – Removing the Existing Door Springs



### WARNING

Garage doors use springs to balance the door weight. There are two types of springs used — extension and torsion. Each of these is available in either a standard or EZ-Set™ assembly option. Please look at the drawings on page 8 to see which springs your old door has installed. **If your present door uses standard torsion springs, do not attempt to remove the door or the springs yourself.** They should be removed by a qualified door service professional. Attempting to remove a torsion spring assembly without proper training and tools may result in an uncontrolled release of spring forces which can cause serious or fatal injury.

Extension springs and EZ-Set™ Springs are shown on a sectional garage door in the illustration on page 8 to see which springs your door has. The following instructions detail how to remove these springs.



### WARNING

**Serious injury could result if spring tension has not been released before other work begins.**

## Removing Extension Springs



### WARNING

**Use two or more helpers to assist you in lowering the door.**

**Step 4-1a:** Raise the door to the full open position. Place “C” clamps or locking pliers tightly on both sides of the track under the door so the door is held securely in place. With the door fully open, most spring tension has been removed. (FIG. 4-A) Do not attempt to remove or adjust extension springs with door in the down position. Use “C” clamps to keep the door from moving or falling once the springs are removed.

**Step 4-2:** Detach the cable at both ends. Disassemble and remove the springs and cable completely from the door.

**NOTE:** Wood blocks should be placed underneath the door when closing to prevent fingers from being trapped.

**Step 4-3:** Remove the “C” clamps from the track and carefully close the door.

Some large doors might weigh as much as 500 pounds when the spring tension is removed. The weight of the door will not be apparent when you first begin to close the door. The door will feel progressively heavier as it is lowered until its full weight (as much as 500 pounds) is realized about one foot from the floor. A single car door may weigh as much as 200 pounds. (FIG. 4-B)



### WARNING

**To avoid injury, keep hands and fingers clear of section joints, track, and other door parts while the door is opening and closing.**

## Removing EZ-Set™ Extension or Torsion Springs

**Step 4-1b:** With the door in the DOWN position, position a drill with a 7/16” socket bit over the worm drive. Using the reverse (counter-clockwise) direction on the drill, remove all the tension from the spring (repeat for each side). After spring tension has been removed, detach the lift cables at both ends. Disassemble and remove the springs and cable completely from the door. (FIG. 4-C)

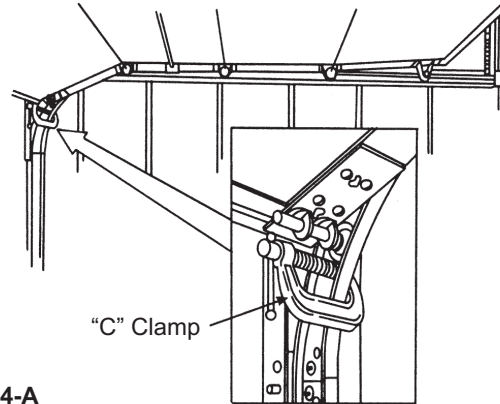


FIG. 4-A

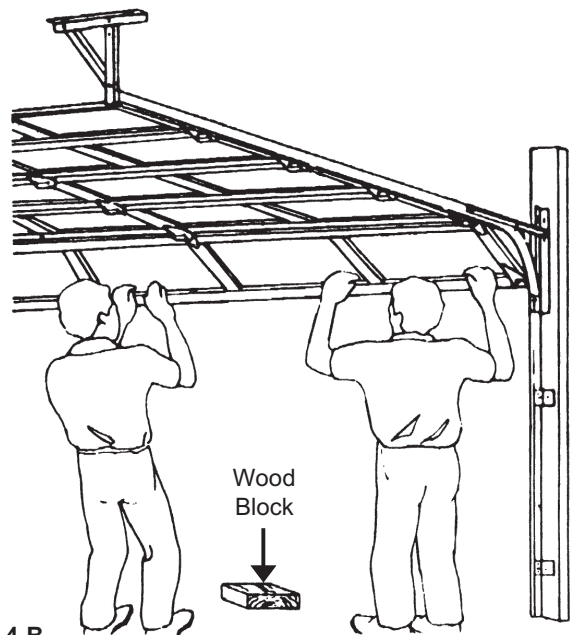


FIG. 4-B

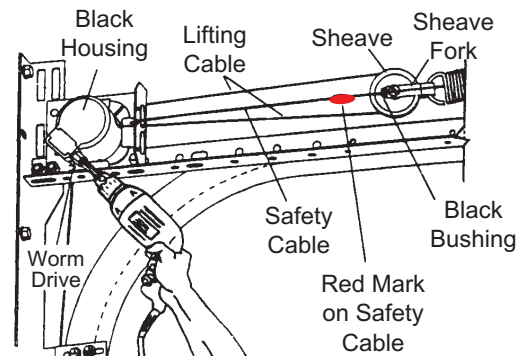


FIG. 4-C



## STEP 5 - Removing Door Sections & Track

**Step 5-1:** The door can now be disassembled. Starting with the top section, remove the hardware and unstack the sections one at a time. (FIG. 5-A)

**Step 5-2:** After all sections have been removed from the opening, detach all remaining track and hardware from the jambs. The hangers that attach the rear ends of the overhead track to the ceiling (called rear track hangers) in many cases can be reused on the new door if made of 13 gauge (3/32") or heavier steel and is not loose or unstable. (FIG. 5-B)



### WARNING

To avoid installation problems which could result in personal injury or property damage, use only the track specified and supplied with the door. Do not attempt to reuse old track.

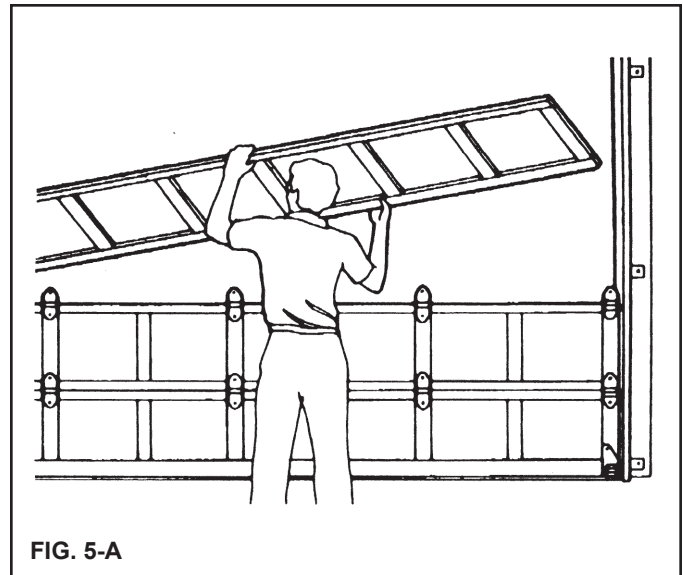


FIG. 5-A

## STEP 6 - Preparing the Opening

**Step 6-1:** On the inside of the garage your opening should be framed with wood jambs, 2" x 6" if possible. The side jambs should extend to approximately the same height as the headroom required. If you have just removed an old door, the jambs should be inspected for the condition of the wood. If the wood is rotten, it should be replaced now. The jambs should be plumb and the header should be level. If there are any bolts fastening the jambs to the wall, the heads should be flush so they don't interfere with the installation of your new door. (FIG. 6-A)

**NOTE:** Rough opening (without stop molding) = Door size

**Step 6-2:** Door stop molding should be temporarily nailed to the edges of the jambs flush with the inside. (FIG. 6-B)

Stop molding featuring a built-in weather seal is offered as an option.

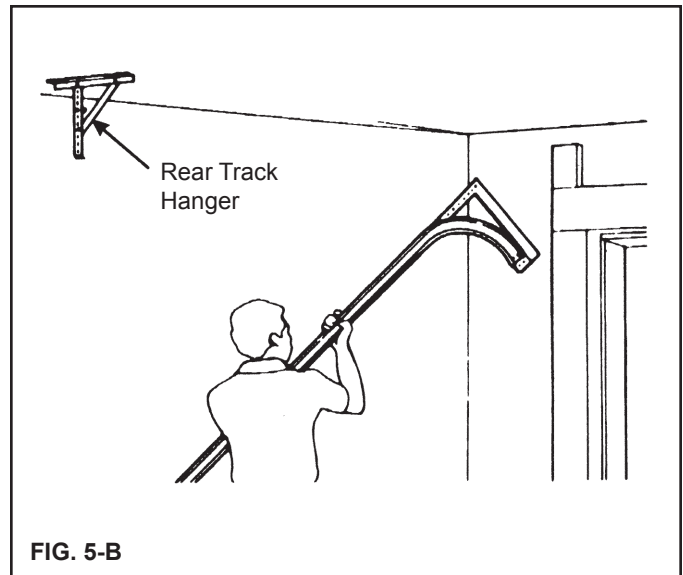


FIG. 5-B

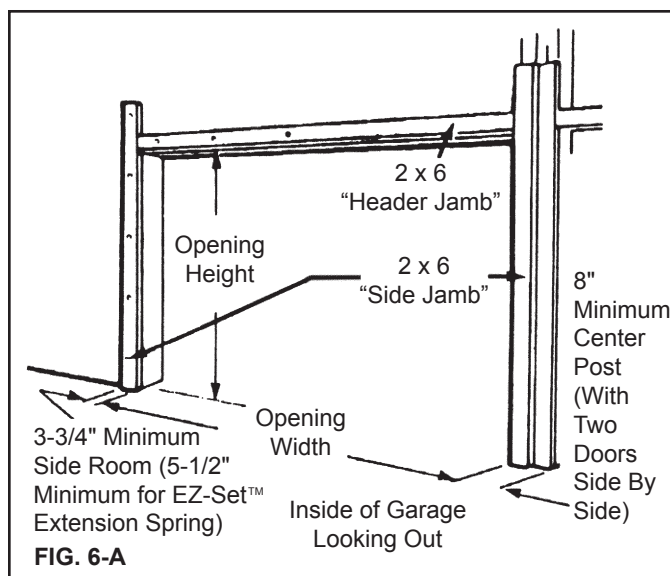


FIG. 6-A

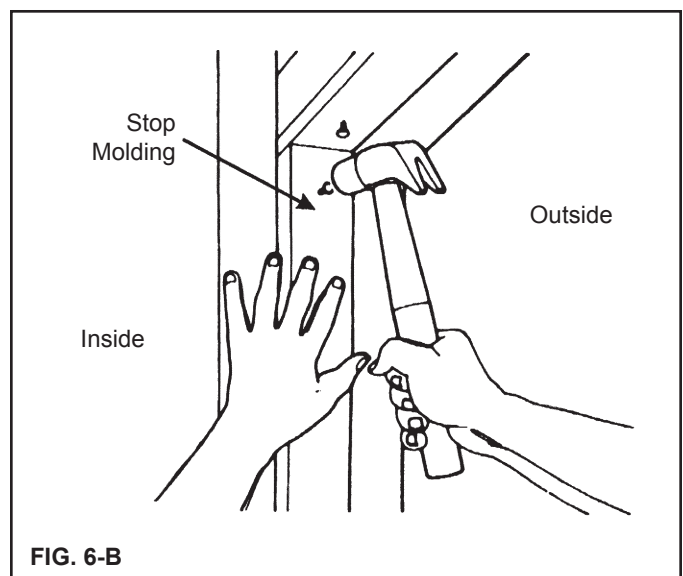
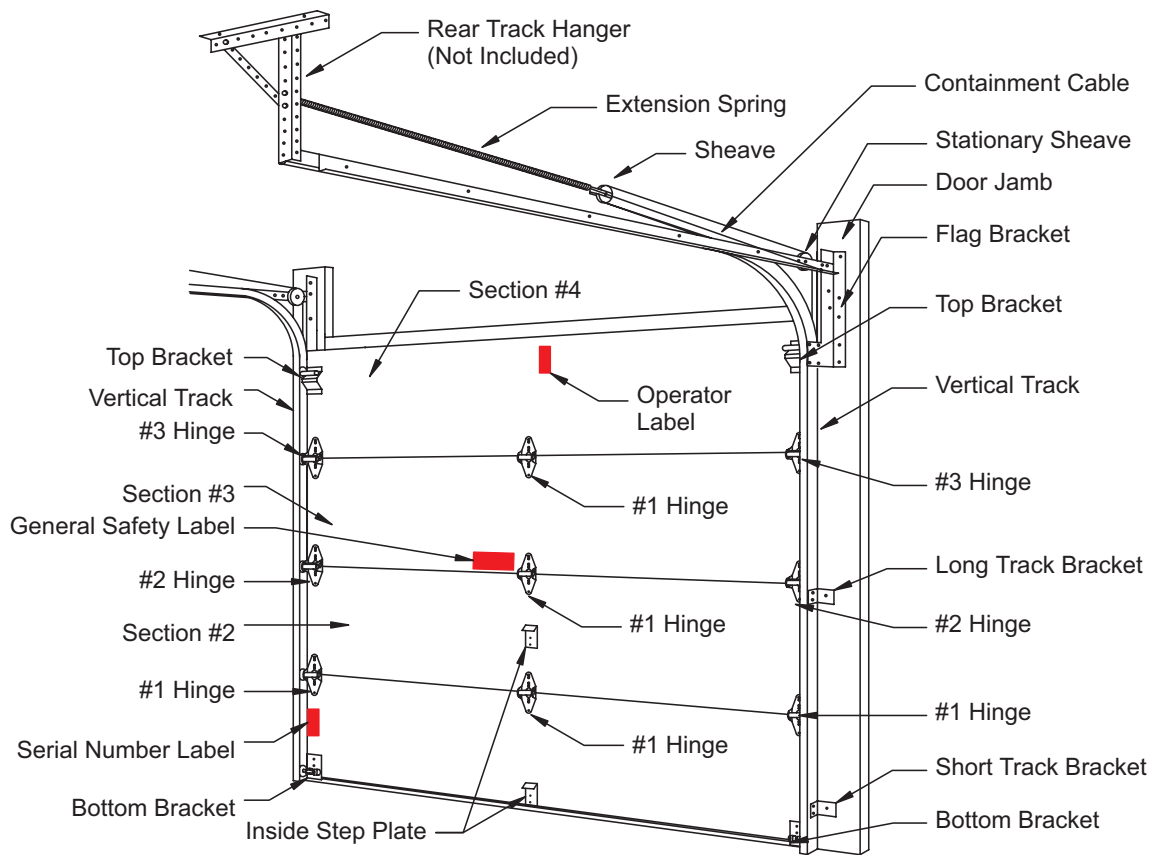
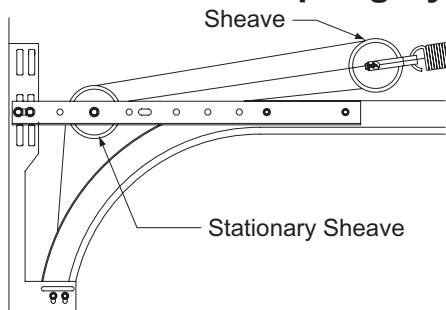


FIG. 6-B

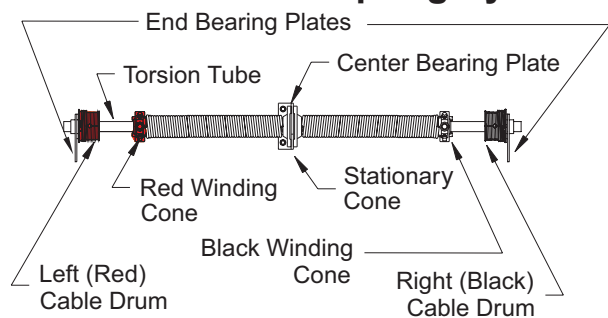
## Typical Garage Door Installation Illustration Extension Spring System Shown on Complete Door



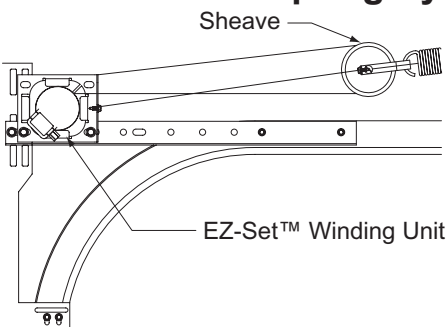
### Standard Extension Spring System



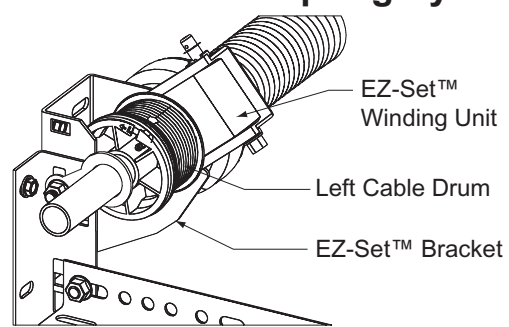
### Standard Torsion Spring System



### EZ-Set™ Extension Spring System



### EZ-Set™ Torsion Spring System



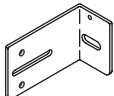
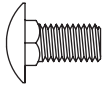


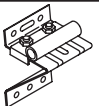


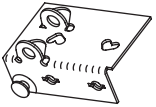
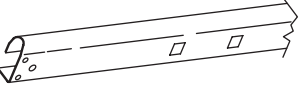

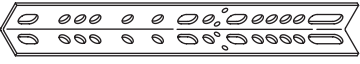


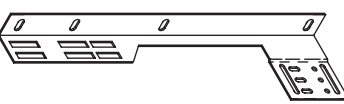

**NOTE:** The above illustration represents a composite of many of the features found on a variety of garage doors. While not representative of any one door, it provides a handy reference for the location of specific components




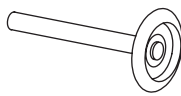
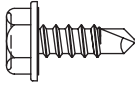

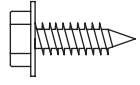

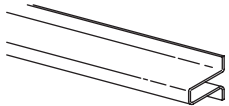
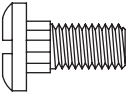
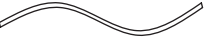
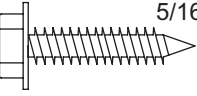
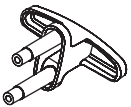
## Hardware Components

**NOTE: All doors will receive (1) spring kit and (1) or more springs. Separate spring installation supplemental instructions should be included with door hardware. This supplement contains a list of all spring related hardware along with instructions on proper spring installation.**

All Doors Will Receive (2) Of These Items:

	Track Bracket (Longer)		3/8"-18 x 3/4" Lg. Carriage Bolt		3/8" Washer
	Track Bracket (Shorter)		Top Bracket		Curved Horizontal Track
	#2 Hinge		Bottom Bracket (1) LH + (1) RH		Vertical Track
	#3 Hinge		Horizontal Angle		Cable Assembly
	#4 Hinge (5 Section Doors Only)		Flag Bracket (1) LH + (1) RH		3/8" Hex Nut

(While not representative of any one model, the quantities below can be used as a guide. In some instances, extra screws/bolts are provided in the event of strip out or loss of parts.)

Description	Door Size:	Qty.	Description:	Door Size:	Qty.
 1/4" Flange Nut	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	16	 Rollers	4 Section Doors	10
	Double Car Doors 16'W x 6'6" - 7'0"H	22		5 Section Doors	12
	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	0	 #1 Hinge	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	5
	Double Car Doors 16'W x 6'6" - 7'0"H	10		Double Car Doors 16'W x 6'6" - 7'0"H	11
	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	56	 Inside Step Plate	All Doors	1 or 2
	Double Car Doors 16'W x 6'6" - 7'0"H	90			
 Struts*	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	0	 1/4" x 5/8" Track Bolt	Single Car Doors 8' - 9'W x 6'6" - 7'0"H	16
	Double Car Doors 16'W x 6'6" - 7'0"H	1 or 3		Double Car Doors 16'W x 6'6" - 7'0"H	22
 Pull Rope	All Doors	1	 5/16" x 1-5/8" Lag Bolt	4 Section Doors	10
				5 Section Doors	12
 Lift Handle	All Doors	1 or 2	Keyed Lock Kit (If included, parts are detailed in Lock instructions)	All Doors	0 or 1

\*More struts may be required in high windload areas.

## STEP 7 - Preparing Bottom Door Section

**Step 7-1:** Spread the hardware on the garage floor in groups so that you can easily find the parts.

**Step 7-2:** Find the section with the aluminum weatherstrip retainer fastened to one edge. The aluminum weatherstrip retainer is on the bottom edge of the bottom section. Place the section on saw horses face down. (FIG. 7-A) Be sure to cover saw horses with carpet or cloth so as not to scratch section.

**Step 7-3:** Bend and break apart bottom brackets by hand along end tabs as shown. (FIG. 7-B) **Be sure to remove connecting tab.**

**Step 7-4:** Insert safety tabs on bottom bracket into slots on end stile of door. Slide bottom bracket up to fully engage tabs. (FIG. 7-C) Attach all hardware with #14 x 5/8" sheet metal screws. Attach the bottom brackets with two screws to the bottom corners of the section. Screws go into the end stiles. Hook the looped ends of the steel lift cable over the buttons on the bottom brackets. (If your door came with standard extension springs, the lift cables are the longer and smaller diameter of the two sets of cable. If your door came with EZ-Set™ Extension Springs, do NOT attach lift cables at this time! Do NOT use the shorter safety containment cables as lift cables, as this can cause improper door function). (FIG. 7-D)



### WARNING

Failure to properly engage safety tabs on bottom bracket into slots on edge of door can result in severe injury when spring tension is applied.

**Step 7-5:** Hinges are identified by number 1, 2, 3 (and sometimes 4, on 5 section doors only). This number is stamped on the hinge. Attach a number 1 hinge to each pair of pre-punched holes along the top edge of the section using #14 x 5/8" sheet metal screws. The number is stamped on the side of the hinge that is to be attached to the section. (FIG. 7-E)

**NOTE:** Determine if your door thickness is 1-3/8" or 2" and determine the width of the endstile (FIG. 7-E). If Table 7-A below shows a need for a reinforcing strut on the bottom section, it should be attached overlapping the hinges. Use 1/4" x 3/4" self tapping screws to attach strut as shown in the illustration. When pre-drilled holes in strut do not line up vertically with hinge locations, you will be required to drill (2) 3/16" pilot holes through the strut, hinge, and door at each hinge location, or use a drill or impact wrench with a 7/16" socket to drive self-tapping screws through strut, hinge, and door. (FIG. 7-F)

Table 7-A - Sections Requiring Struts

Door Thickness	Door Width	End Stile Width	Section		
			Bttm	3rd*	Top
1-3/8"	Up to 14'10"	All	-	-	-
1-3/8"	15'-16'	2-1/2"	-	-	✓
1-3/8"	16'2"-18'	2-1/2"	One strut per section		
2"	Up to 15'		-	-	-
2"	15'2"-20'		-	-	✓

\*Section with general safety label.

**NOTE:** Doors installed in high windload regions (Florida and other high wind prone areas) may require additional reinforcement beyond what is detailed in these instructions. Please refer to supplemental windload instructions for these areas.

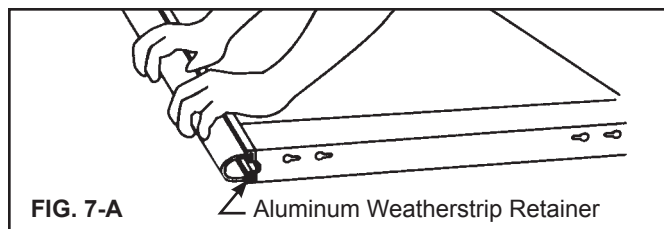


FIG. 7-A

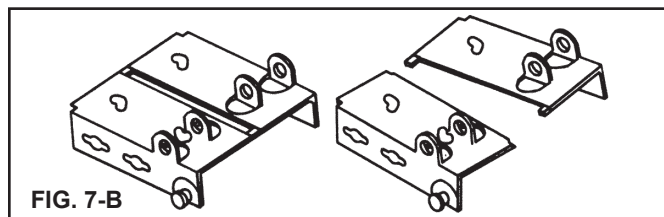


FIG. 7-B

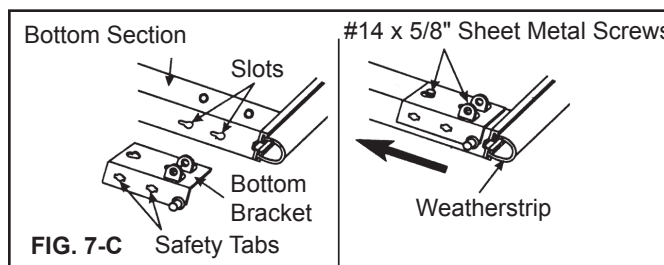


FIG. 7-C

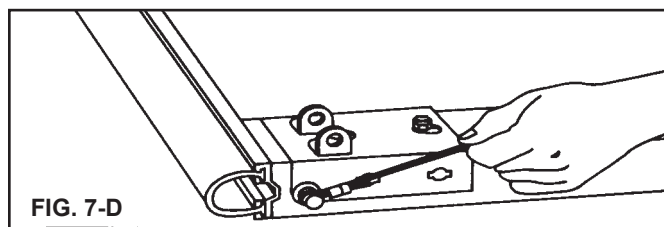


FIG. 7-D

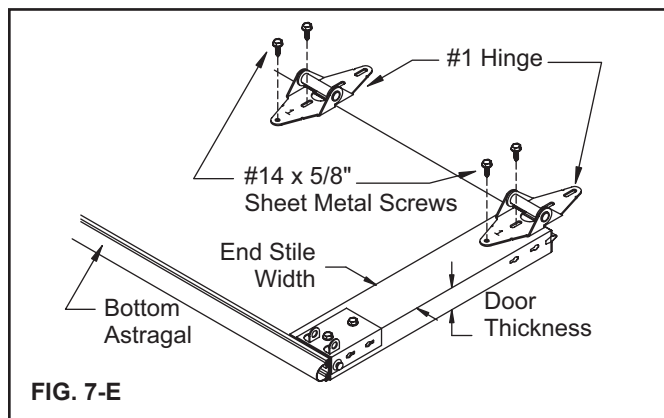


FIG. 7-E

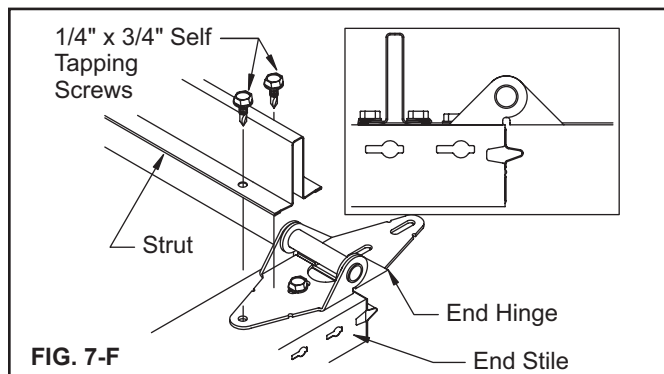


FIG. 7-F



## STEP 8 - Lift Handle Attachment

### Lift Handle Preparation

If you have a 2" thick door, no modifications to the lift handle are necessary. If you have a 1-3/8" thick door, cut the stems on the lift handle along the ridge line using a hacksaw (Fig. 8-A).

### Bottom Section

From the front side of the section, drill (2) 1/2" holes through the section according to the Bottom Section Hole Pattern (FIG. 8-C). A T-Square should be used to ensure that they are vertically in line. If your door has an outside keyed lock, the hole pattern should be drilled on the bottom section directly below the lock. If your door does not have an outside keyed lock, the hole pattern should be drilled directly below the hinge closest to the horizontal center of the door. Install the lift handle & inside step plate assembly using (2) #14 x 5/8" sheet metal screws (Fig. 8-B).

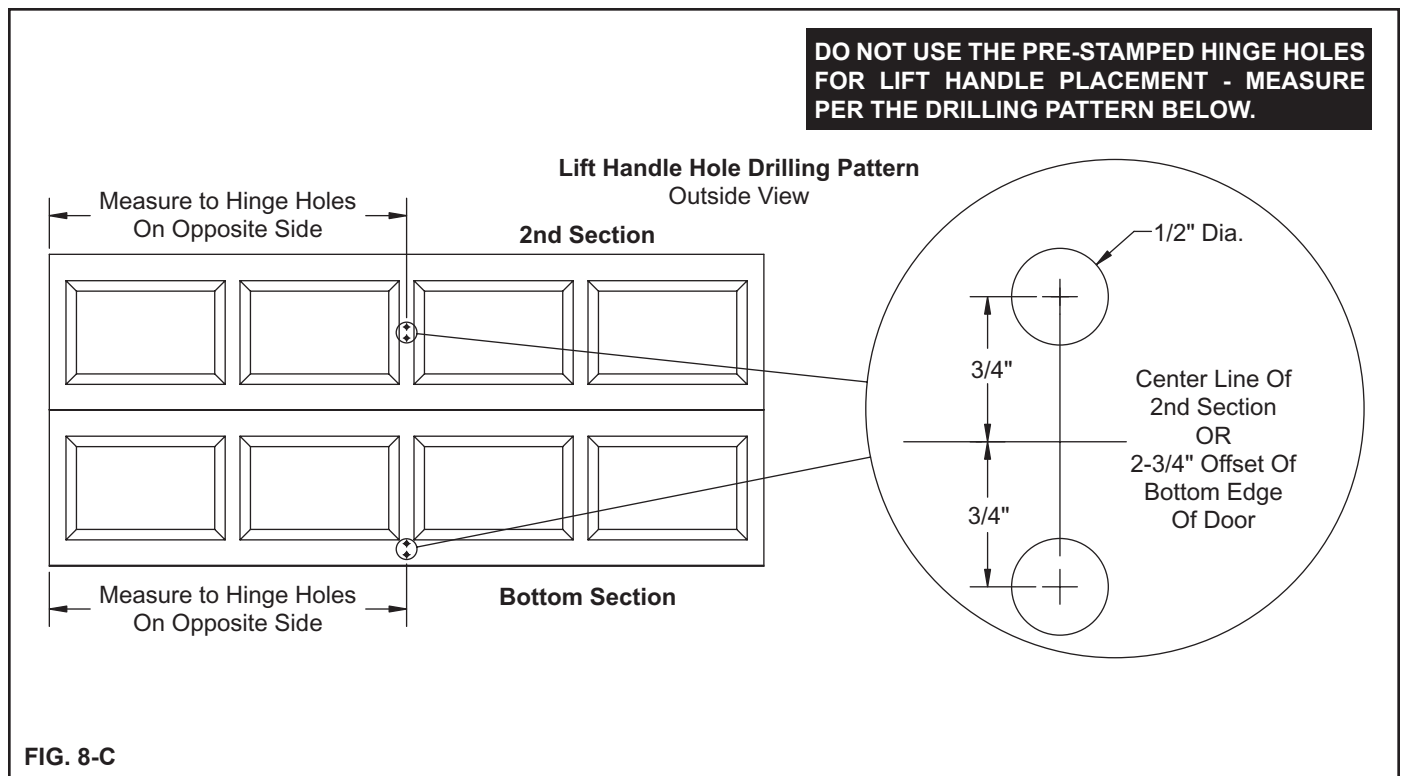
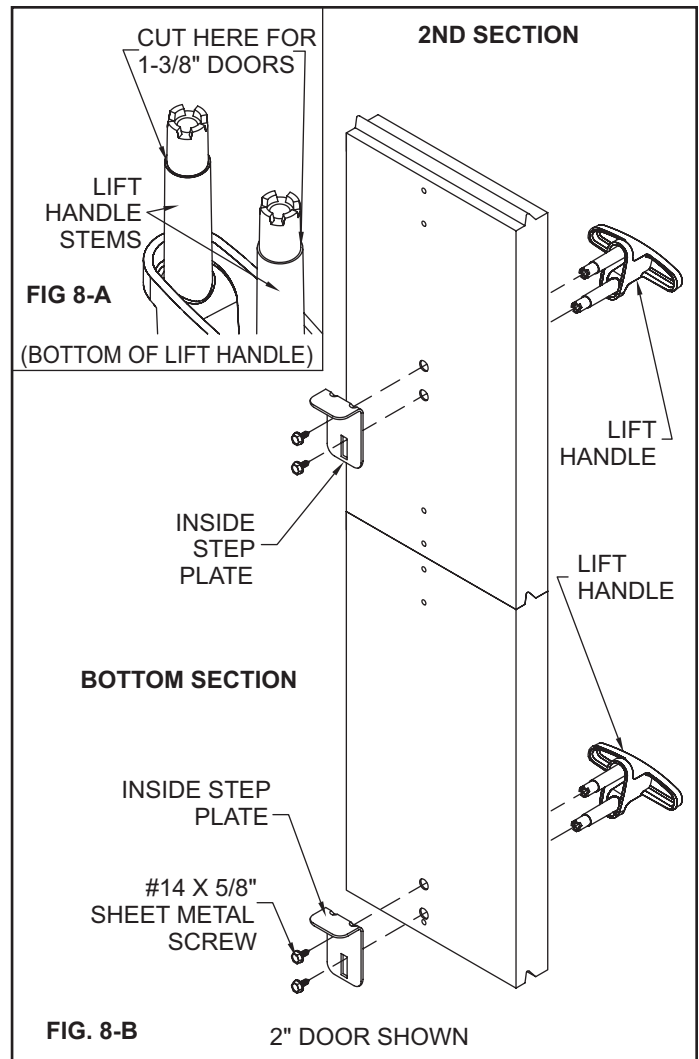
**IMPORTANT: Use a wrench or a socket to drive screws. Do not over tighten. Do not use an electric drill or driver.**

**2nd Section (to be installed at the completion of Step 9-4. Not Required on Doors with Outside Keyed Lock)**

From the front side of the section, drill (2) 1/2" holes through the section according to the 2nd Section Hole Pattern (FIG. 8-C). A T-Square should be used to ensure that they are vertically in line. The hole pattern should be drilled directly above the hinge closest to the horizontal center of the door.

### Painting Lift Handles

Plastic Lift Handles can be painted using a quality spray on or brushed on enamel paint.



## STEP 9 - Installing Door Sections

**Step 9-1:** Place the section in the opening so that it is against the stop molding and centered from side to side. Place a level on the section and use a piece of wood under one end or the other (if necessary) to make the section level. (FIG. 9-A)

**Step 9-2:** Remove the level and drive a 3" nail in the jambs at each end and bend it over the edge of the section to hold the section in place. (FIG. 9-B)

**NOTE:** These nails are all that will hold the stacked door section in place until the tracks are secured to the back jambs. Be sure the nails hold the sections firmly in position.

**Step 9-3:** With the Table 9-A below, determine the order in which you will attach the remaining sections.

**NOTE:** If a lock assembly was ordered with the door, the holes for the lock may be predrilled. (Lock templates are included in the lock instructions for doors without predrilled holes.)

**Table 9-A - Section Order for Various Door Heights**

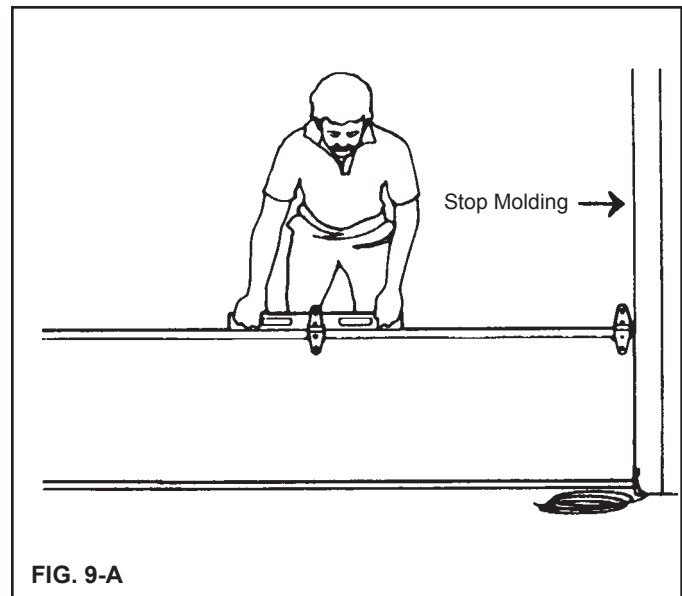
Door Height	1st (Bottom) Section	2nd (Lock) Section	3rd Section*	4th Section	5th Section
6'0"	18"	18"	18"	18"	-
6'3"	18"	18"	18"	21"	-
6'6"	21"	18"	18"	21"	-
6'9"	21"	21"	18"	21"	-
7'0"	21"	21"	21"	21"	-
7'6"	18"	18"	18"	18"	18"
7'9"	18"	18"	18"	18"	21"
8'0"	21"	18"	18"	18"	21"

\* Section with general safety label.

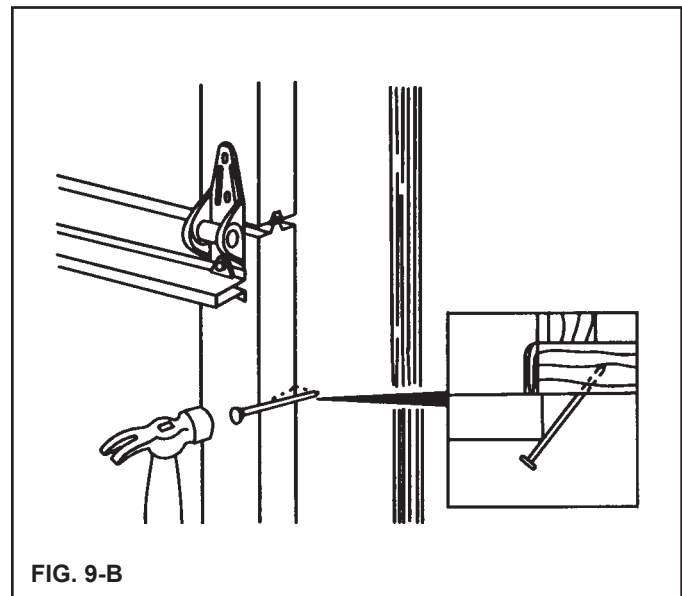
**Step 9-4:** Place the next section face down on the saw horses. If your door is predrilled for a lock, this section will be the one with holes in the center of the panel face. Identify the bottom edge as shown in the illustration. (FIG. 9-C)

Attach a number 2 hinge to each end at the top edge using #14 x 5/8" sheet metal screws. Remember that the number is stamped on the side of the hinge that is to be attached to the section. Attach a number 1 hinge to all other pre-punched holes along the top edge of the section.

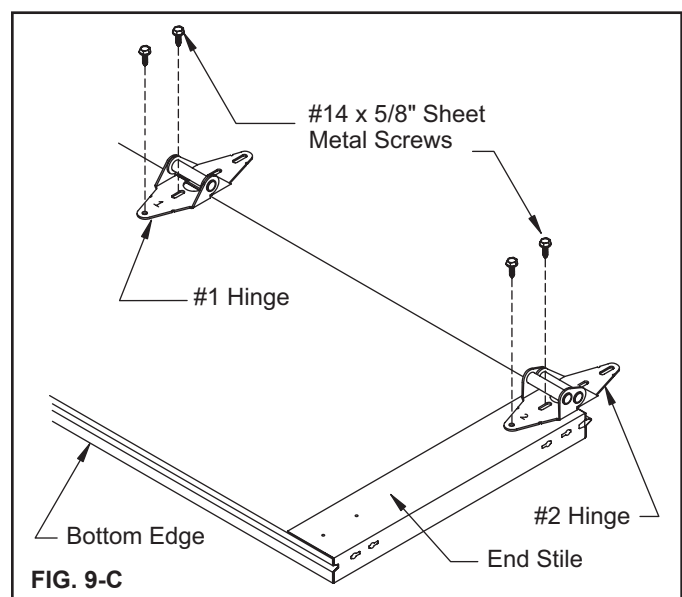
**Step 9-5: Keyed Lock Installation.** If you wish to install a keyed lock, begin the lock installation now according to the supplemental instructions included with the lock hardware. If your door did not come with a keyed lock, install lift handle as shown on previous page.



**FIG. 9-A**



**FIG. 9-B**



**FIG. 9-C**



## STEP 9 - Installing Door Sections (Continued)

**Step 9-6:** Place the second section on top of the first section. Drive a 3" nail in the jambs at each end and bend it over the edges of the section to hold the section in place. Attach the hinges from the top of the first section to the bottom of the second. (FIG. 9-D)

**Step 9-7:** Place the third section on saw horses. Attach #3 hinges to the ends at the top edge and #1 hinges to each pair of pre-punched holes along the top edge using #14 x 5/8" sheet metal screws. (FIG. 9-E)

**NOTE:** If your door was supplied with more than 1 strut (consult Table 7-A on bottom of page 10), use 1/4" x 3/4" self tapping screws to attach strut as shown in FIG. 7-F on page 10. When pre-drilled holes in strut do not line up vertically with hinge locations, you will be required to drill (2) 3/16" pilot holes through the strut, hinge, and back skin of door at each hinge location, or use a drill or impact wrench with a 7/16" socket to drive self-tapping screws through strut and hinge and into door. (FIG. 9-E)

**Step 9-8:** Place the third section on top of the other sections and nail in place as before. Attach the hinges from the top of the previous section to the bottom of this section. (FIG. 9-D)

If you have two sections left, repeat Steps 9-7 and 9-8 using #4 hinges on the end of the top edge and #1 hinges to all other stiles along the top edge.

**Step 9-9:** Place the last section on the saw horses. Attach the top roller brackets as shown. The top roller brackets are to be attached with three #14 x 5/8" sheet metal screws. The top of the bracket goes into the bottom hinge hole. The bottom of the bracket goes in smaller holes, either 6-1/4" or 8" (depending on door model) from the top of section. (FIG. 9-F)

**NOTE:** 8' and 10' wide doors with 3" end stiles and windows in the top section require the addition of (2) 1/4" washers on the bottom of each top bracket before installation of screws. (See inset in FIG. 9-F)

If your door was supplied with any struts (consult Table 7-A on bottom of page 10), use 1/4" x 3/4" self tapping screws to attach strut as shown in the illustration. When pre-drilled holes in strut do not line up vertically with hinge hole locations, you will be required to drill (2) 3/16" pilot holes through the strut and the back skin of door at each hinge hole location, or use a drill or impact wrench with a 7/16" socket to drive self-tapping screws through strut and into door. (FIG. 9-F)

**Step 9-10:** Place the top section on top of the other sections and nail in place as before. Attach the hinges from the top of the previous section to the bottom of this section. (FIG. 9-D)

**NOTE:** If your door is to be used with an electric operator, you must reinforce the top section before placing it in the opening. Proceed to step 10 prior to completing this step.

**Step 9-11:** Place a roller in the top and bottom brackets and in the tubes in each of the hinges at the ends of each section. Some hinges have two tubes. Place the roller in the tube that is farthest from the face of the door. (FIG. 9-G)

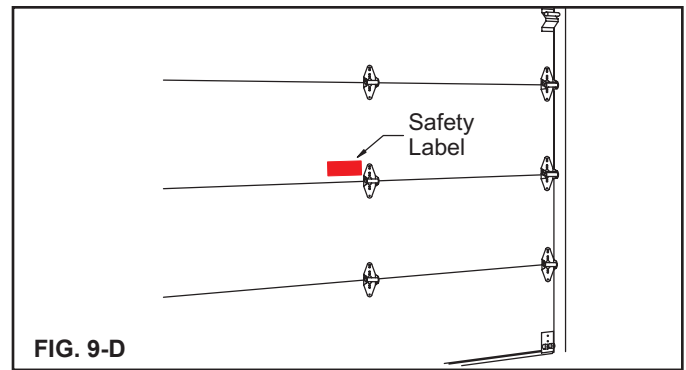


FIG. 9-D

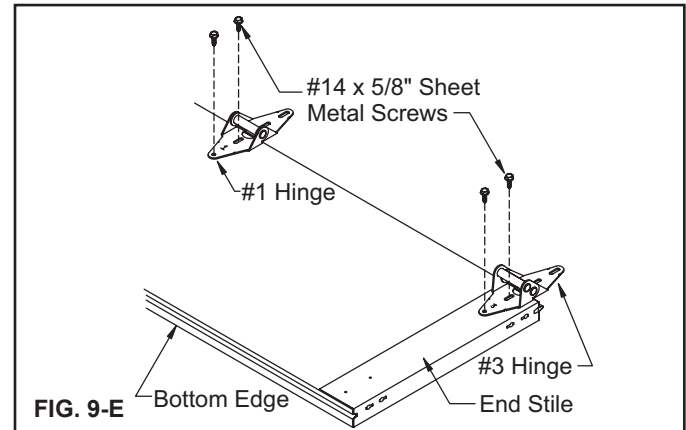


FIG. 9-E

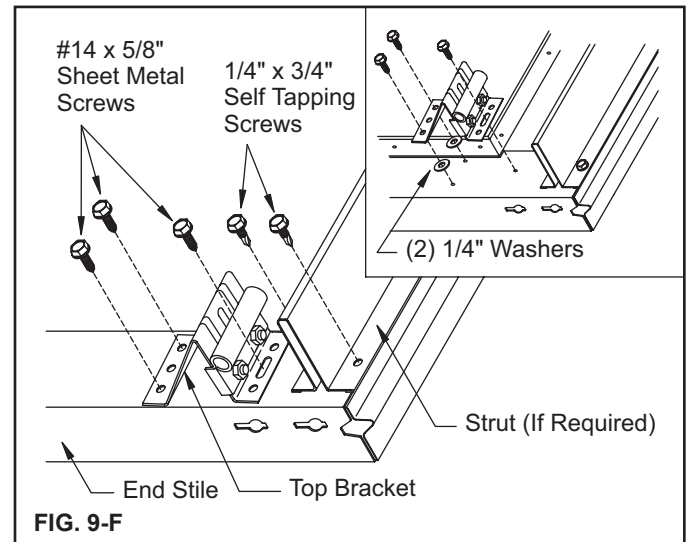


FIG. 9-F

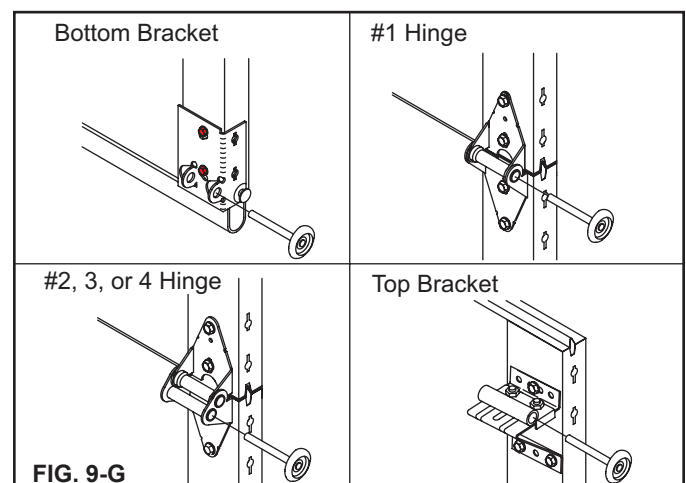


FIG. 9-G

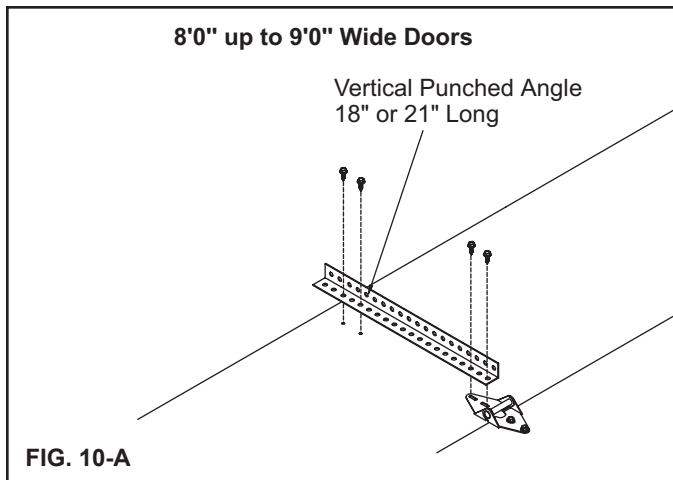
## STEP 10 - Reinforcing the Top Section for Opener

To avoid damage to your door, you must reinforce the top section of the door in order to provide a mounting point for the opener to be attached. You will need one (1) or three (3) pieces of 1-1/4" x 1-1/4" minimum punched angle at least 13 gauge or 3/32" thick from your local hardware or building supply store. Figures 10-A to 10-D show how punched angle is to be affixed to door. Angle iron may need to be trimmed depending on door section height and distance between center stiles.

**Do NOT install the bracket supplied with the opener. Failure to reinforce the door, as illustrated, will void your warranty.**

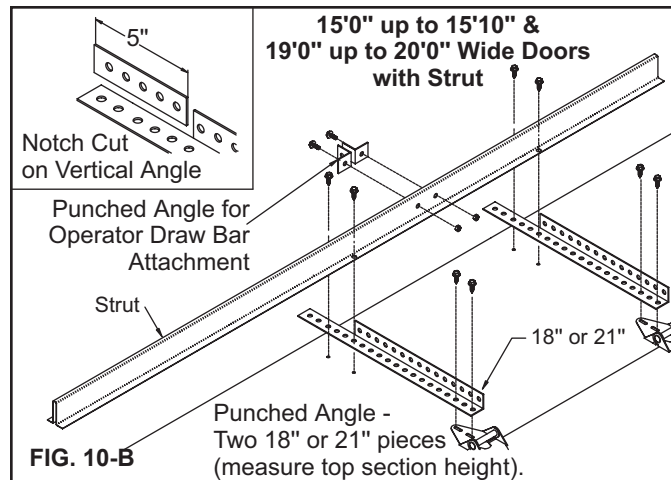
**NOTE:** An opener bracket kit specifically designed for opener attachment may be included or may be purchased as an option (silver galvanized or white powder coated). Instructions are provided with the kit.

**NOTE: Operator may be attached up to 2 feet off center.**  
(Doors with Torsion Springs Only)



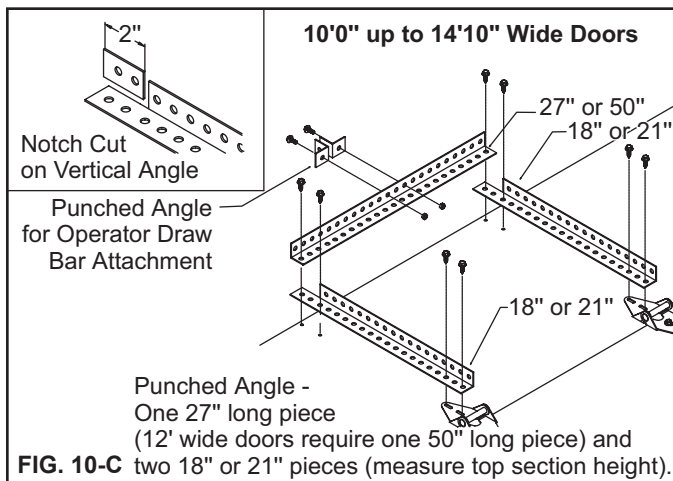
Required materials:

- (1) 18" or 21" length of angle iron, and
- (4) #14 x 5/8" sheet metal screws.



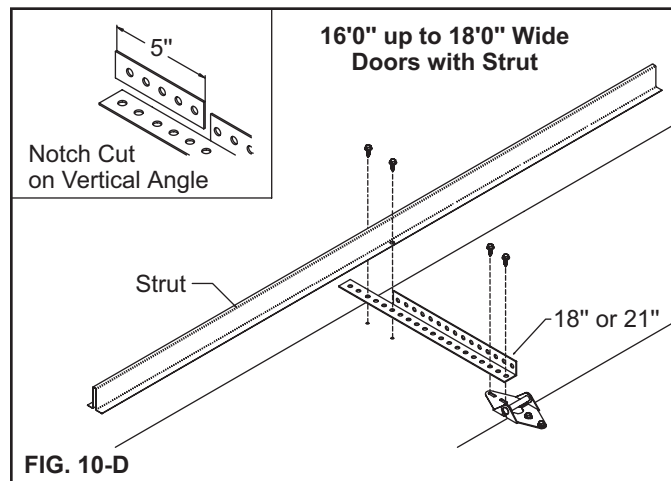
Required materials:

- (2) 18" or 21" lengths of angle iron, (2) 1/4"x1" bolts,
- (2) 1/4" lock washers, (2) 1/4" nuts, (4) #14 x 5/8" sheet metal screws, and (4) 1/4" x 3/4" self tapping screws.



Required materials:

- (2) 18" or 21" and (1) 27" or 50" length of angle iron
- (2) 1/4"x1" bolts, (2) 1/4" lock washers, (2) 1/4" nuts,
- (8) #14 x 5/8" sheet metal screws.



Required Materials:

- (1) 18" or 21" length of angle iron,
- (2) #14 x 5/8" sheet metal screws,
- and (2) 1/4" x 3/4" self tapping screws.



## STEP 11 – Assembling and Installing the Track

Before assembling brackets to vertical track be sure to read Step 11-1 and Step 11-2. Refer to illustration for placement of brackets on track.

**NOTE:** Brackets may already be riveted in place. If additional adjustment is required, the rivets can be drilled out and the brackets can be reattached with track bolts and flange nuts (available through the toll-free Consumer Services number, see outside cover).



### WARNING

**To avoid installation problems that could result in injury or property damage, use only track provided with new door.**

**Step 11-1:** Loosely fasten the track brackets to the vertical track using one 1/4" x 5/8" track bolt and 1/4" flange nut as shown with the head of the bolt inside the track. There are two sizes of brackets for 7' high doors, and three sizes for 8' high doors. The shortest track brackets should be installed ten inches from the bottom of the track with the flange facing the flat side of the track, one on the left and one on the right. The next larger sized pair of brackets should be installed centered on the track. If you have an 8' high door, the remaining pair of brackets should be installed ten inches from the top of the vertical track. The flat side of the track goes toward the wall. (FIG. 11-A)

**Step 11-2:** Loosely attach the flag bracket to the top of the track with two 1/4" x 5/8" track bolts and 1/4" flange nuts with the head of the bolts in the track. Make sure bolts and nuts are attached through the proper holes in flag bracket for your door thickness. (FIG. 11-C)

(Refer to FIG. 11-B to determine proper bolt placement.)

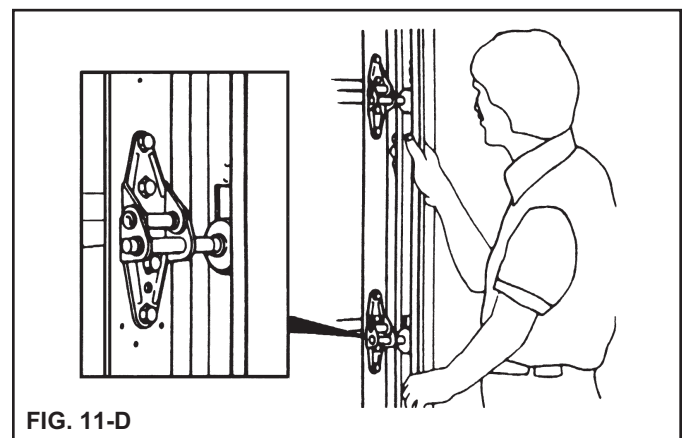
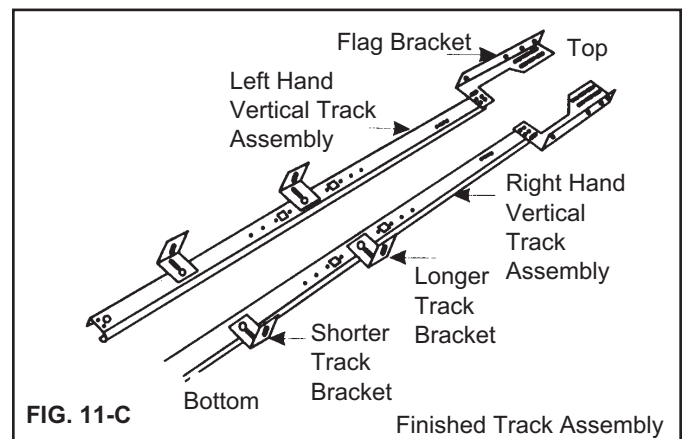
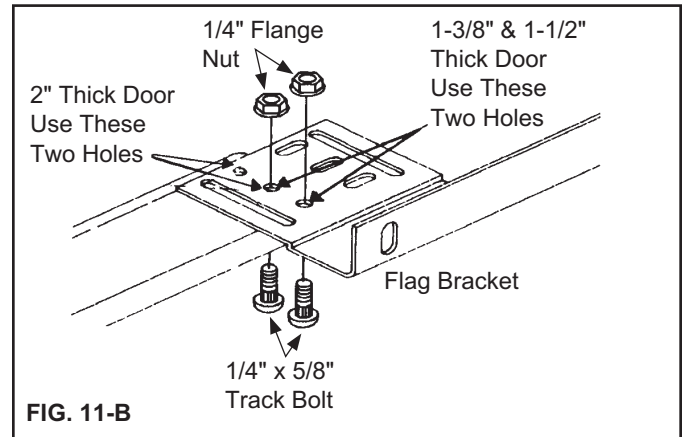
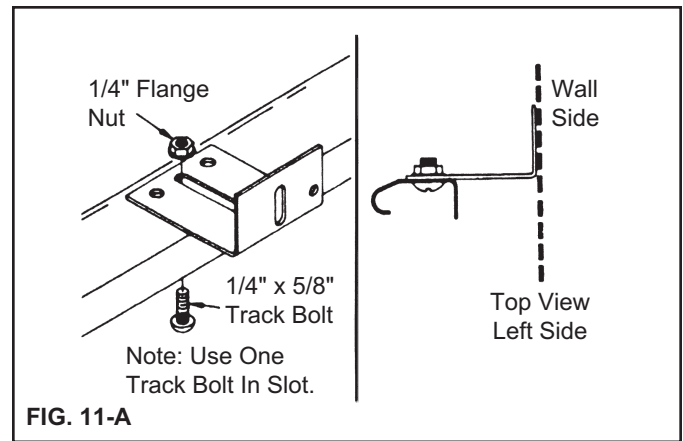
**NOTE:** If additional adjustment is required, horizontal slots in flag brackets can be used for attachment to vertical track.

**Step 11-3:** Place the track over the rollers on the door. Move the track close to the door so that the rollers are all the way into the hinges. Do not force the track too tightly or the door will bind. This should leave about 1/2" between the edge of the door and the track. Pilot holes of 3/16" are required at each lag screw location before installing the lag screw. Lift track about 1/2" from the floor and fasten the flag bracket and track brackets to the jamb with 5/16" x 1-5/8" lag screws. The flag bracket requires three screws, one each in the top, middle, and bottom holes. Do this for both sides of the door. When the track brackets and flag brackets are securely fastened to the jamb, tighten the track bolts and flange nuts connecting the flag brackets to the tracks. (FIG. 11-D)

**NOTE:** The tops of the vertical tracks must be level with each other. Check this by measuring from the top of the door sections to the top of the track on both sides. If they are not equal, cut some material off the bottom of one track to lower it or raise the other track.

**Do not raise the vertical track beyond the bottom rollers on the bottom section of door.**

**NOTE:** Do not attach any brackets directly to drywall. All track brackets, flag brackets, and spring brackets should only be attached directly to wood bucks.



## STEP 11 - Assembling and Installing the Track (Continued)

**NOTE:** Pressure-treated lumber purchased after January 2004 is treated with chemicals that have highly corrosive effects on metal fasteners. The fasteners provided with your door are intended for use with standard lumber (not pressure-treated) only. If you are installing your door into an opening framed with pressure-treated lumber, it is highly recommended that 5/16" x 1-5/8" lag screws with a minimum galvanization equivalent of G185 be purchased for this application.

**Step 11-4:** Fasten the horizontal angle to the horizontal (curved) track with two 1/4" x 5/8" track bolts and 1/4" flange nuts so that the heads of the track bolts are on the inside of the track. On some doors this angle may be 82" long and will require three additional fasteners per side. If the angle has been preassembled, skip Step 11-4 and proceed with Step 11-5. (FIG. 11-E)

**Step 11-5:** Temporarily support the rear end of the track with a rope from the trusses overhead in the garage or on a tall ladder. (FIG. 11-F)

**Step 11-6:** Place the track over the roller in the top bracket. Attach the curved end of the horizontal track to the flag bracket with two 1/4" x 5/8" track bolts and 1/4" flange nuts so that the heads of the screws are on the inside of the track. The horizontal and vertical track must join together to form a continuous channel for the rollers. Attach the end of the horizontal angle to the top of the flag bracket with a 3/8" x 3/4" carriage bolt and 3/8" hex nut. Use the top set of slots for 15" radius track, the middle set of slots for 12" radius track, and the bottom set of slots for Low Headroom track. (FIG. 11-G)

**Step 11-7:** Rear track hangers need to be made at this time. Use 1-1/4" x 1-1/4" punched angle, 13 gauge or 3/32" steel. These are not provided with the standard hardware. They are used to attach the rear of the horizontal track to the ceiling joist.

Enough angle iron or punched angle should be purchased to make two rear track hangers. These hangers must be strong enough to hold the full weight of the door. Attach a bolt at least 1" long through the end of each track to stop the door at the end of its travel. (FIG. 11-H)



### WARNING

**Sway braces must be used to prevent tracks from spreading and allowing door to fall, which could cause serious injury. Bolts placed in the end of each track (FIG. 11-H) must be at least 1" long to prevent the top section from exiting the track.**

**NOTE:** Rear track hangers should not be mounted any farther than 6" from the end of horizontal track.

**Step 11-8:** Placement of rear track hangers is critical for the door to operate properly. The rear track hangers should hold the horizontal track level and square to the door. Squareness should be measured by comparing two diagonal distances: 1) the distance from the top left-hand corner of the door to the rear of the right-hand horizontal track and 2) the distance from the top right-hand corner of the door to the rear of the left-hand horizontal track. (FIG. 11-I, opposite page)

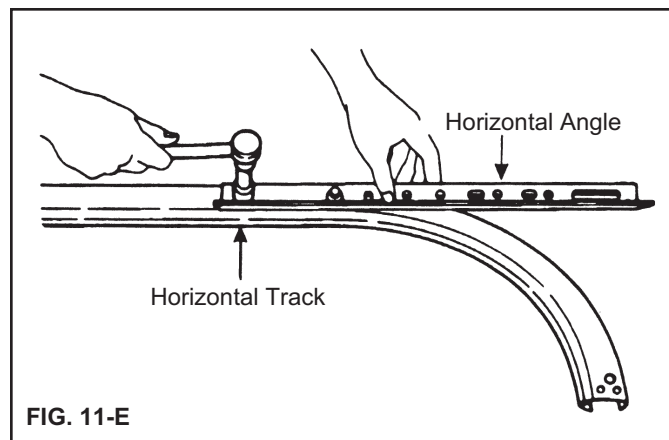


FIG. 11-E

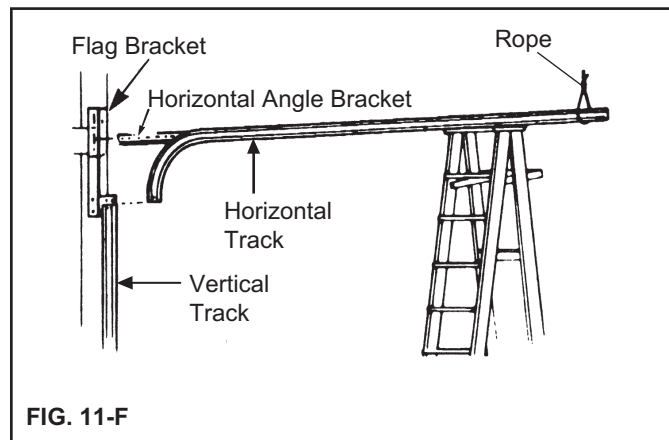


FIG. 11-F

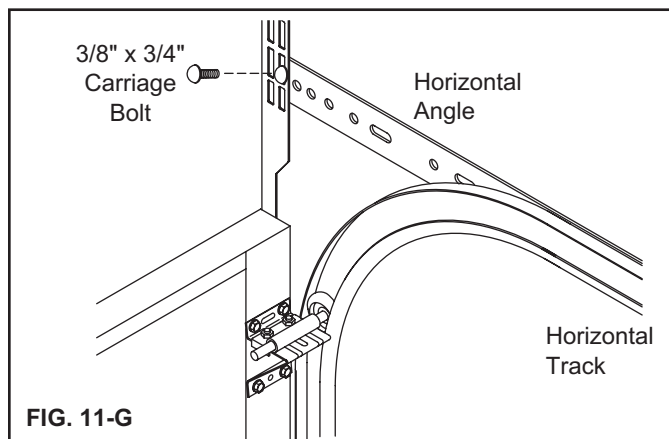


FIG. 11-G

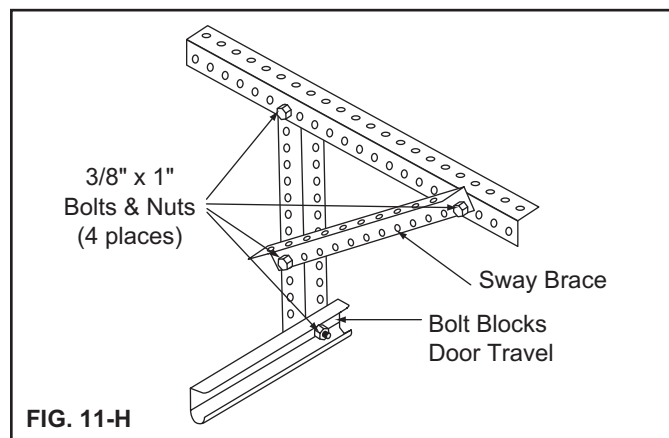


FIG. 11-H



**Step 11-8, Continued:** Adjust the position of the tracks if the squareness distances are not within 1/2" of each other. Horizontal track can be out of level up to 1" from front jamb to rear track hanger. (FIG. 11-I)

When the track is square and level with the opening, the track hangers can be fastened permanently to the ceiling trusses. Three 5/16" x 1-1/2" lag screws are recommended. Be sure 3/16" pilot holes are drilled before installing 5/16" lag screws. The attachment must be strong enough to hold the weight of the door.



### WARNING

**Use adequate length screws to fasten rear track hangers into trusses. Door may fall and cause serious injury if not properly secured.**

**Step 11-9:** With the track installed, the top door section can now be properly adjusted. With the slide on the top bracket loose, force the top of the door against the stop molding or door jamb. Pull the roller towards you so it is tight against the groove in the track and tighten the slide bolts. (FIG. 11-J)

At this time, remove the 3" nails that were used to hold sections in place prior to installation of the track assembly. (Refer back to FIG. 9-B.)

## STEP 12 – Lock Installation (If Included)

### Keyed Lock:

If your door has an exterior keyed lock, please complete the installation of the lock at this time following the instructions provided with your lock hardware. If your door has a slide bolt lock, install according to the instructions below.

### Slide Bolt:

The inside slide bolt is installed on the end stile of the second section using (4) #14 x 5/8" hex head sheet metal screws (steel doors) or (4) 1/4" x 1" lag screws (wood doors). (FIG. 12-A)

**NOTE:** 3/16" holes may have to be predrilled before installing screws.

The slide bolt rests against the top of one of the rectangular engaging slots in the vertical track. Proper alignment is easier to achieve by using track as a guide.

**NOTE:** It may be necessary to knock out the slug in the vertical track to open the slot for lock engagement. Remove slug by striking with a hammer from the outside of the track.

**IMPORTANT:** If your door is going to be equipped with an automatic garage door opener, make sure that the door is always unlocked when the opener is being used. This will avoid damage to the door.

## STEP 13 – Pull Rope (Manually Operated Doors Only)

To complete the door section installation, tie the pull rope provided to the bottom roller shaft. (FIG. 13-A)

## STEP 14 – Spring Installation

It is now time to install the spring. Proceed to springing instructions that came with your spring hardware.

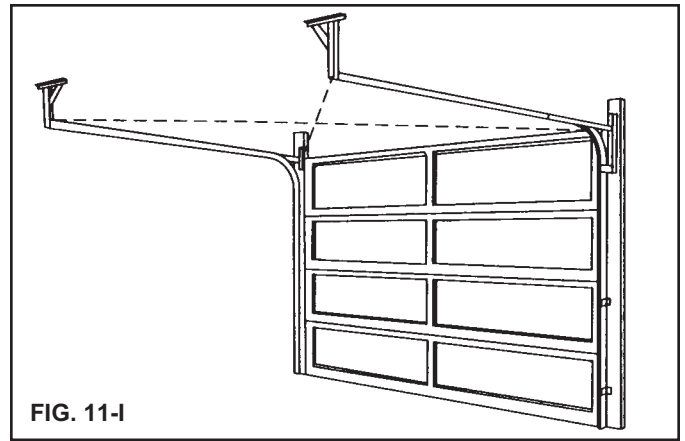


FIG. 11-I

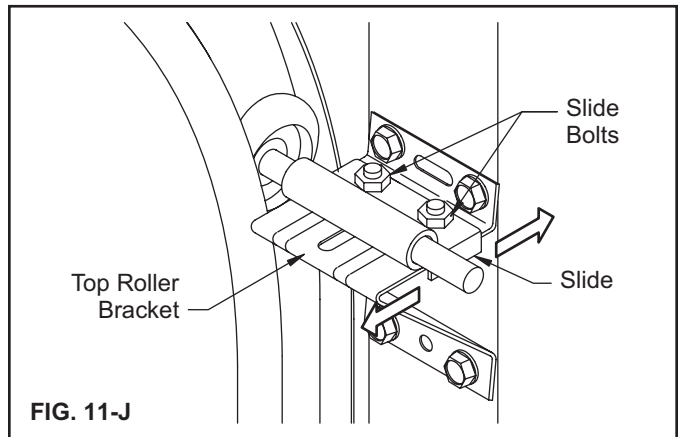


FIG. 11-J

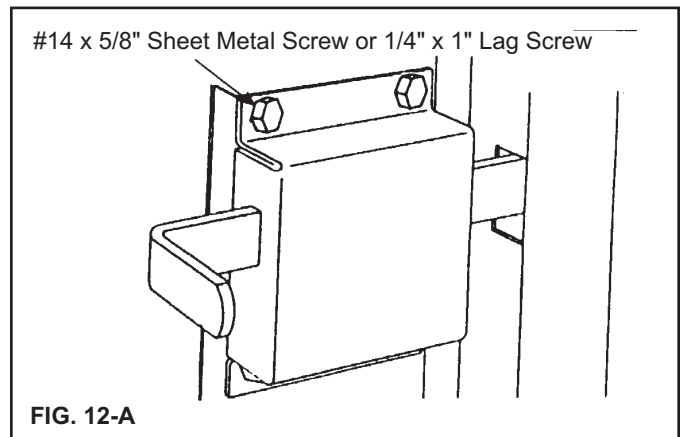


FIG. 12-A

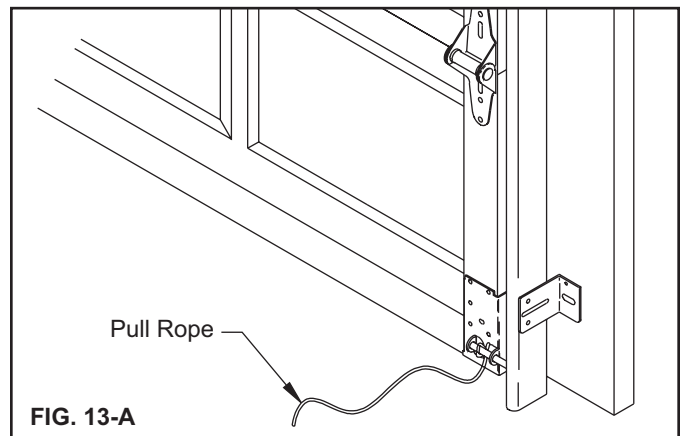


FIG. 13-A

## STEP 15 – Attaching an Automatic Opener

**IMPORTANT:** To avoid damage to your door, you must reinforce the top section of the door in order to provide a mounting point for the opener to be attached. Refer to the section of this manual titled Reinforcing the Top Section on page 14 for specific instructions. Failure to reinforce the door as illustrated will void the warranty on your door.



### WARNING

To avoid risk of strangulation or personal injury to children, if your door has a pull rope, you must remove the pull down rope when you install an automatic garage door opener.

**IMPORTANT:** When installing an automatic garage door operator, make sure to follow manufacturer's installation and safety instructions carefully. **Remove the pull down rope and unlock or remove the lock.** If attaching an operator bracket to the wooden anchor pad, make sure the wood anchor pad is free of cracks and splits and is firmly attached to the wall. Always drill pilot holes before attaching lag screws.

The operator arm will usually be attached to the vertical reinforcement member at roughly the same height as the top roller of the door. Attach the opener arm to the reinforcement as shown in Figures 15-B to 15-D. To prevent the top of the door from bending, the opener rail should be mounted no less than 2" and no greater than 5" from the face of the door with the door in the open position (FIG. 15-A). Additionally, when the door is closed, the portion of the operator arm attached to the door should be at angle of approximately 60 degrees from the vertical (FIG. 15-B).

### Opener Rail Mounting Distance

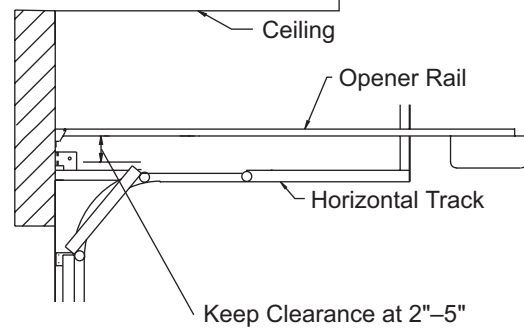


FIG. 15-A

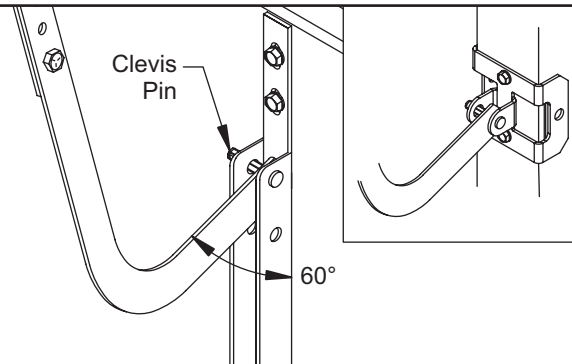
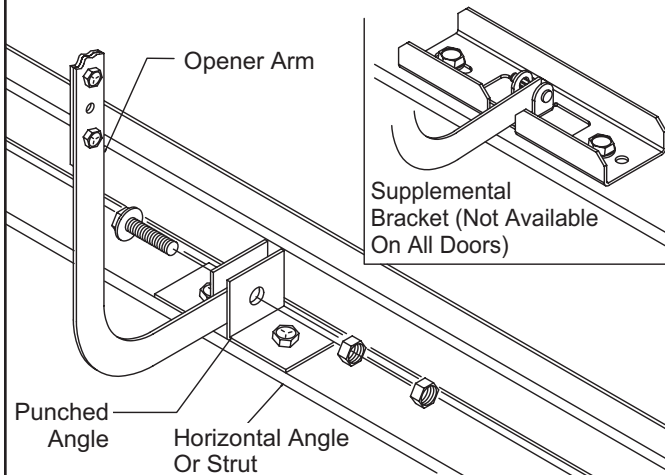


FIG. 15-B (Doors with supplied Reinforcement Bracket and Stile in Center of Door)

### Opener Arm Attachment To Horizontal Angle Or Strut



### Front View (Assembled)

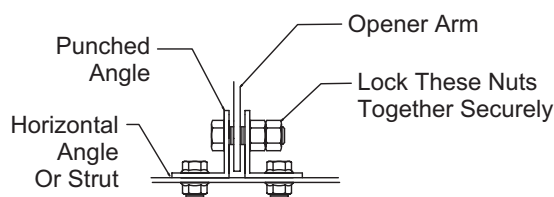
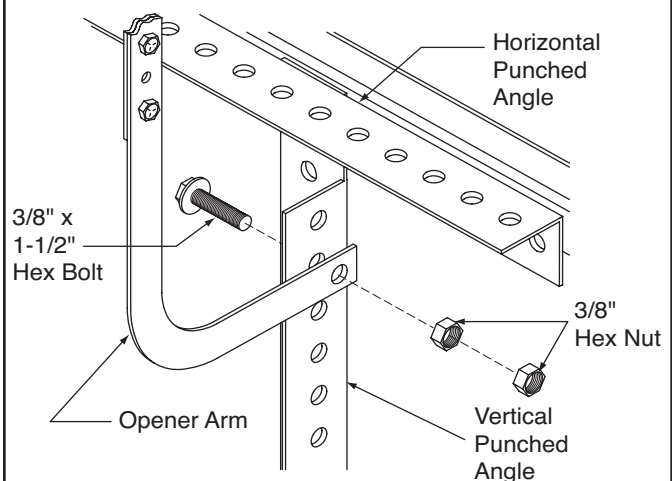


FIG. 15-C (Doors with odd number of Panels)

### Opener Arm Attachment To Vertical Angle



### Top View (assembled)

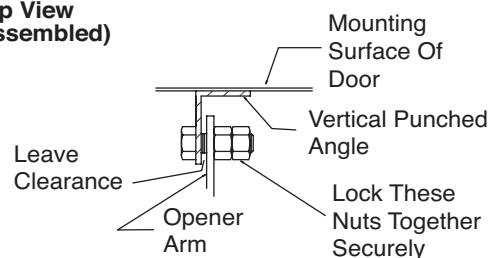


FIG. 15-D (Doors with Angle Iron Reinforcement Bracket and Stile in Center of Door)



## Painting your Door

**Painting:** Your steel garage door can be painted with a high quality 100% acrylic latex (flat, satin, or semigloss) exterior grade paint. Before painting the door it must be free of dirt, oil, caulk, waxes and mildew.

**Do not use any type of oil based paint or Alkyd modified acrylic latex paint. These paints will void the warranty of your door.**

**Painting preparation:** Clean surface first with a diluted solution of Trisodium Phosphate. The recommended concentration is 1/3 cup of powder to 1-1/2 to 2 gallons of water. A cleaning pad (3M Synthetic steel wool GRAY not green) should be used saturated with this cleaning solution. Rub with even pressure to lightly scuff the surface while applying the cleaning solution over all surfaces to be painted. A final wipe and rinse with clean water and sponge should be done to remove any loose material. Change water often to ensure clean rinse and allow to dry. Pre test your paint on a small area (see paragraph **Paint** below). If the paint shows signs of poor adherence, (tape test below) there may be a problem with the paint or the surface preparation. **DO NOT PROCEED!** A new paint or further preparation of the surface is called for.

**Alternate cleaning compounds:** Areas of the country that do not carry Trisodium Phosphate can use a biodegradable cleaner with the cleaning pad above. Follow above directions to rinse completely and pre test paint.

**NOTE:** Sanding could remove rust-inhibiting compounds, therefore, sanding should be done only to damaged areas where bare metal has been exposed. Refer to the "Paint Repair" section of these instructions.

**Paint Repair:** Should your door's paint finish become damaged, exposing the bare metal, it will become necessary to repair this area to prevent rust from forming. The damaged area should be lightly sanded with a medium to fine sandpaper making sure to remove all visible red and white rust. Wipe this area with a dry, clean rag. Coat the sanded area with a high quality, rust inhibiting, zinc enriched primer. This type of primer can be found at most paint or hardware stores, and should be labeled for covering bare and galvanized steel. Once the primer is applied, wait the time specified on the primer's instructions before you finish painting your door.

**Paint:** Your steel garage door can be painted with a high quality, 100% acrylic latex (flat, satin, or semigloss) exterior grade paint. Since all paints are not created equal, the following test needs to be performed: paint should be applied on a small area of the door (following the instructions on the paint container), allowed to dry, and evaluated prior to painting the entire door. Paint defects to look for are blistering and peeling. An additional test is to apply a strip of masking tape over the painted area and peel back, checking to see that the paint adheres to the door and not to the tape.

After satisfactorily testing a paint, follow the directions on the container and apply to the door. Be sure to allow adequate drying time should you wish to apply a second coat.

Window frames & inserts can be painted with a high quality, 100% acrylic latex. The plastic should first be lightly sanded to remove any surface gloss.

**NOTE:** Do not apply paint when door surface temperature is different from manufacturer's suggested temperature range for application.

## Snap-In Decorative Insert Removal And Replacement:

**NOTE:** DO NOT REMOVE SCREWS from the window frame. Decorative inserts are designed to snap-in and out of the window frame.

Some doors with windows have a decorative insert attached behind the window. They may be moved to the outside of the glass, or can be removed for cleaning or painting purposes.

- 1) Remove the four tabs of the insert from under the edge of the inside window frame. There is one tab on each side and one on the top and bottom of the insert.
- 2) The insert can be firmly pulled out of the window.
- 3) Replacing the insert is the reversal of the process described for removal. The four tabs must be pressed under the lip in the window frame.
- 4) If preferred, the insert can be snapped into the frame on the outside of the glass.

## Glass Replacement



### WARNING

To avoid injury, use extreme caution in handling glass window pane. When the frame is removed, the exposed steel edge of the door may be sharp. Avoid contact with the steel edges.

**Glass Replacement:** If your door is equipped with windows and the glass should need replacement, follow the steps below:

- 1) With someone holding the outside frame, remove the screws from the inside window frame.
- 2) Pull the inside frame out of the door.
- 3) Carefully remove the broken or old glass.
- 4) Insert the new glass. The glass should be 11" by 18-1/2" (standard panel windows) or 10-7/8" x 39-3/8" (long panel windows).
- 5) With someone holding the outside frame, reinsert the screws into the inside frame, trapping the glass.

## Annual Maintenance

- 1) Lubricate all moving parts of the door with light household oil, including:
  - a) Lift cables at the bottom bracket button
  - b) Bearing of the sheaves
  - c) Lock hardware where surfaces turn or slide
  - d) Full length of torsion spring to reduce friction between coils
  - e) Lubricate steel rollers. DO NOT lubricate nylon rollers.
- 2) Check for loose or bent hinges.
  - a) Tighten loose hinges.
  - b) Straighten or replace bent hinges.

**Caution:** To replace bent hinge(s) or broken roller(s):

Door must be locked and in the down position.

No more than 1 hinge is to be removed from the door at any given time.

Under no circumstances should you loosen or remove the bottom bracket without disengaging the spring tension. (Follow instructions for removing extension springs.)

- 3) Check roller for broken wheels, bent shafts, or worn out bearings
- 4) Check the door and track supports for loose or missing bolts, screws, etc. Be careful not to over tighten.
- 5) Check the extension cables. Are they running properly in the sheaves? Check for wear of the cable at the bottom bracket button.
- 6) Check for bent track. If bent, call an authorized professional dealer.
- 7) Extension spring hardware, including springs, cables, sheaves, sheave forks, bottom brackets, and containment cables, should be adjusted or repaired only when the spring tension is released (the door must be open). These repairs should be made by a qualified door technician or a mechanically experienced person with proper tools and instructions.
- 8) If your door has torsion springs, the spring assembly and wood anchor pad should only be adjusted or repaired by a professional door technician.

## Cleaning the Door

In order to prevent damage (rusting) caused by foreign matter adhering to the door, the door should be cleaned at least twice a year (normal environments) or 4 times a year (coastal environments). The door may need to be cleaned more frequently if road salt accumulates in a winter climate. The door should be wiped down with a mild household detergent and rinsed with clear water.

**NOTE:** Be sure to clean behind stop molding on the sides and top of door.

## Waxing the Door

### (Coastal and Harsh Environments)

For coastal and harsh environments, it will be necessary to wax the front side of the door following installation. Select a good quality car wax and apply according to wax manufacturer's instructions. Wax should be applied at least twice a year, immediately after cleaning (see cleaning instructions above).

### Glass, Plexiglass, Stained Look, Leaded Look, Brilliance, and Studio Series Windows Cleaning and Care Instructions

**Clean with a mild solution of a dishwashing detergent and a soft cloth. After cleaning, rinse thoroughly. DO NOT use any ammoniated, abrasive, or solvent-based cleaners of any kind.**

#### Studio Series Windows Only:

Use a good grade of automotive paste wax and buff with a soft cloth. Windows should be cleaned and waxed at least once annually or more often based on the atmospheric conditions where installed.

**Caution:** Use care when handling decorative windows to avoid scraping or scratching the surface.

**NOTE:** Minor scratches or scuffs are not considered defects and will not be covered under the window warranty.

## Replacement Parts

Replacement parts are available from an authorized professional dealer or a building supply retailer. When ordering repair parts, always provide the following: part name, model number, and door width and door height (W x H). For the location of the authorized professional dealer or a building supply retailer nearest you, please write or call:

Clopay Building Products  
Consumer Services Dept.  
1400 West Market Street  
Troy, OH 45373 USA

Call Toll Free: 1-800-225-6729  
Hours of Operation (ET):  
Monday – Friday, 8:30 AM - 7 PM  
Saturday 8:30 AM - 5 PM.

## MISSING ANY PARTS?

PLEASE CALL TOLL FREE: (800-225-6729)

PARTS WILL BE REPLACED PROMPTLY

**DO NOT RETURN DOOR TO STORE**

(Stores Do Not Carry Spare Parts)

**IMPORTANT – Information Needed When Calling:**

- 1) Model number and size of door (Located on packaging)
- 2) Spring Type (Extension, EZ-Set® Extension, EZ-Set® Torsion or Standard Torsion)
- 3) Store city and state of purchase
- 4) Contract # or serial number if special order  
(Located on label on the back of the door or on packaging)

# 206F Wirecut Flashed



## Share this:

- @ email (<mailto:?subject=206F+Wirecut+Flashed&body=https://www.leebrickonline.com/find-your-brick/collection-1/206f-wirecut-flashed>)
- f facebook (<https://www.facebook.com/sharer/sharer.php?u=https://www.leebrickonline.com/find-your-brick/collection-1/206f-wirecut-flashed/>)
- t tumblr (<http://tumblr.com/share?s=&v=3&t=206F+Wirecut+Flashed&u=https://www.leebrickonline.com/find-your-brick/collection-1/206f-wirecut-flashed>)
- in linkedin (<http://www.linkedin.com/shareArticle?mini=true&url=https://www.leebrickonline.com/find-your-brick/collection-1/206f-wirecut-flashed&title=206F+Wirecut+Flashed>)
- t twitter (<http://twitter.com/home?status=206F+Wirecut+Flashed%20https://www.leebrickonline.com/find-your-brick/collection-1/206f-wirecut-flashed>)



# JELD-WEN®

BRICKMOULD VINYL  
WINDOWS AND PATIO DOORS

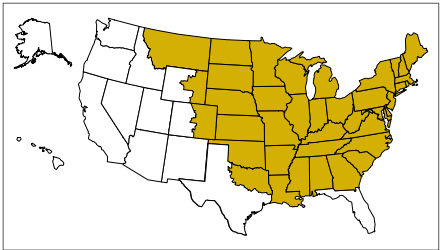


22-COA-0156

# A TRADITIONAL LOOK MEETS LOW-MAINTENANCE DURABILITY

JELD-WEN® Brickmould Vinyl windows deliver the energy efficiency and ease of vinyl plus the look of traditional windows with the decorative exterior casing trim and divided lites characteristic of Georgian architecture. They also offer details that simplify maintenance and high-quality extruded vinyl construction that retains its color all the way through. Best of all, every Brickmould Vinyl window and patio door is backed by a Limited Lifetime Warranty\* for ultimate peace of mind.

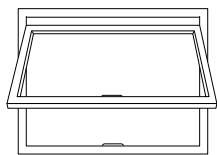
AVAILABLE IN SELECT AREAS



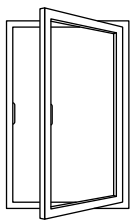
## INTEGRAL BRICKMOULD WITH J-CHANNEL

Our standard integral brickmould and nailing fin creates a J-channel, allowing siding to slip between the brickmould and nailing fin. This feature makes installation a breeze and produces a clean, streamlined appearance.

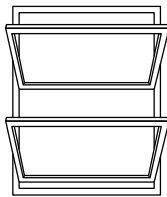
## OPERATING TYPES



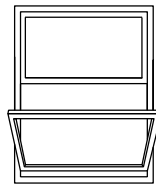
Awning



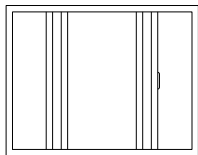
Casement



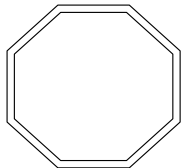
Double-Hung



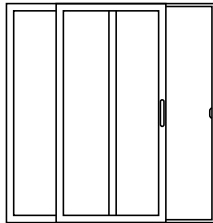
Single-Hung Tilt



Sliding



Fixed, Radius, Geometric



Sliding Patio

\*For warranty details, visit [jeld-wen.com](http://jeld-wen.com), Click Support, and select JELD-WEN Warranties.  
All options are subject to regional availability. Contact your local JELD-WEN dealer for more information.





22-COA-0156

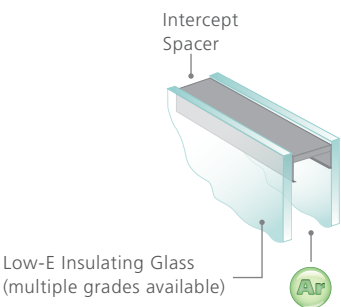


# GLASS

Choose from a variety of glass options that offer performance, privacy, and style.

- Double-pane clear insulating (with Low-E glass options)
- Dirt-resistant
- Laminated
- Tempered
- Tinted
- Textured
- Grilles between the glass (GBG)
- Simulated divided lites (SDL)
- Blinds between the glass (BBG)









## DOUBLE-PANE PACKAGES



## TEXTURED GLASS



# HARDWARE

CASEMENT AND AWNING	SINGLE-HUNG AND SLIDING	DOUBLE-HUNG	SLIDING PATIO DOORS
<p>Standard Multipoint Lock and Folded Nesting handle</p> 	<p>Cam-Lock</p>  <p>Style Cam-Lock</p> 	<p>Cam-Lock</p>  <p>Style Cam-Lock</p> 	<p>Averdene</p> 
<p>Contemporary Multipoint Lock and Folded Nesting handle</p> 	<p>AL-Lock*</p> 		

\*ADA-compliant models available



# COLORS & FINISHES

JELD-WEN Brickmould Vinyl windows and patio doors offer a choice of system colors and hardware finishes to help create the right look for any home. Our vinyl features bright, long-lasting color that resists fading and stabilizers that inhibit heat degradation from sunlight and hot temperatures.

## STANDARD INTERIOR & EXTERIOR COLORS\*



White      Desert Sand      Almond

## OPTIONAL FINISHIELD™ EXTERIOR COLORS\*



Bronze      Black

## HARDWARE FINISHES\*



Satin Nickel      Brushed Chrome      Polished Brass      Antique Brass      Bronze      White      Desert Sand      Almond

Not all hardware finishes available on all operating types. Please consult your sales rep.

# ADDITIONAL OPTIONS

- Insect screens
- Window opening control devices (WOCD)
- ADA-compliant hardware

\*Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



For more information, contact your JELD-WEN sales representative today.



The JELD-WEN logo is displayed in a white, serif font. The 'J' and 'W' are larger and more prominent, with the 'E' and 'L' being smaller and positioned between them. A registered trademark symbol (®) is located at the end of the word 'WEN'.

JELD-WEN®

FIBERGLASS  
AND STEEL  
EXTERIOR DOORS



22-COA-0156

# ABOUT JELD-WEN

## DEDICATION FROM DAY ONE

Since 1960, when JELD-WEN began with one millwork plant, we've been dedicated to crafting windows and doors that enhance the beauty and functionality of your home. Today we continue that tradition with products that are durable and well-designed. It's the result of innovation as a driving force in all that we do.

In addition to responsible reforestation practices, we reuse and recycle as much of our raw resources as possible. Innovation is also at the heart of our design and manufacturing process. With JELD-WEN, you can expect products that are more than just beautiful on the outside. The inner workings of our windows and doors are engineered to function for years to come.







## TABLE OF CONTENTS

### DESIGN YOUR DOOR

Door Construction	4
JELD-WEN Door Codes	6
	7

### MATERIAL OPTIONS

Design-Pro™ Oak	8
Design-Pro™ Fir	12
Design-Pro™ Mahogany	16
Smooth-Pro™	20
Frameless Direct Glaze	26
Simulated Divided Lites (SDL)	28
Steel	30

### GLASS OPTIONS

Full View	36
¾ View	40
½ View	44
Craftsman	48
Camber Top	50
Sunburst	50

### OPTIONS

Paint & Stain Colors	52
Fire-Rated Doors	56
Impact-Rated and Coastal Doors	58
ADA-Compliant Doors	60

### WARRANTY

62
----

# DESIGN YOUR DOOR

## JELD-WEN STYLE COLLECTIONS

Looking for inspiration?

Visit [jeld-wen.com](https://jeld-wen.com) or grab a copy of our Lookbook to reimagine your Farmhouse, Updated Traditional, Coastal, and Simply Modern spaces.



### FARMHOUSE

RUSTIC CHARM MEETS MODERN SIMPLICITY



### UPDATED TRADITIONAL

A REFRESHED TAKE ON TIMELESS TRADITION



### COASTAL

A RELAXED VIBE AND A SENSE OF PLAY



### SIMPLY MODERN

SPACIOUS, SIMPLE, AND INVITING



## 1 CHOOSE YOUR MATERIAL

### FIBERGLASS

The look of wood without the upkeep. Provides greater panel detail for an improved appearance and won't warp, dent, or rust.

#### DESIGN-PRO™



Mahogany



Oak



Fir

#### SMOOTH-PRO™



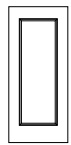
Smooth

### STEEL

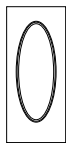
Economical, low-maintenance choice that provides strength and style.

## 2 SELECT DOOR DESIGN

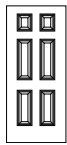
Personalize your home with a door that suits your home's architecture. Here are just a few options.



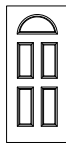
Full View



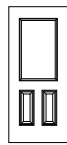
Full Oval



6-Panel



Sunburst



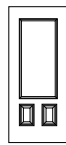
2-Panel  
1/2 View



4-Panel



1-Panel  
Square  
Top 3/4  
Oval



2-Panel  
3/4 View



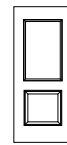
1-Panel  
3/4 View



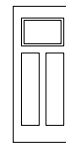
8-Panel  
Center  
Arch



2-Panel  
Arch Top



1-Panel  
1/2 View



Craftsman

## 3 SELECT GLASS

Decorative glass inserts can elevate the look of your entry door. Choose your level of privacy and optional caming for added detail.



### Clear Glass Options

Clear glass inserts maximize natural light to create a clean, open, and inviting feel at the home's entryway.



### Privacy Glass Options

Textured and obscure glass options allow some light to shine through while maintaining your preferred level of privacy.



### Decorative Glass Options

Add visual interest to your entryway with decorative glass designs with various caming options.



### Direct Glaze/Frameless

Direct glaze glass options offer a wider viewing area and clean design.



### Simulated Divided Lites

Add simulated divided lites to your direct glaze door for visual interest.

## 4 SELECT FINISH

Choose from our variety of on-trend paint, stain, and Statement™ Collection finish colors, or choose a primed door to finish yourself.



Paint



Statement™  
Collection



Stain



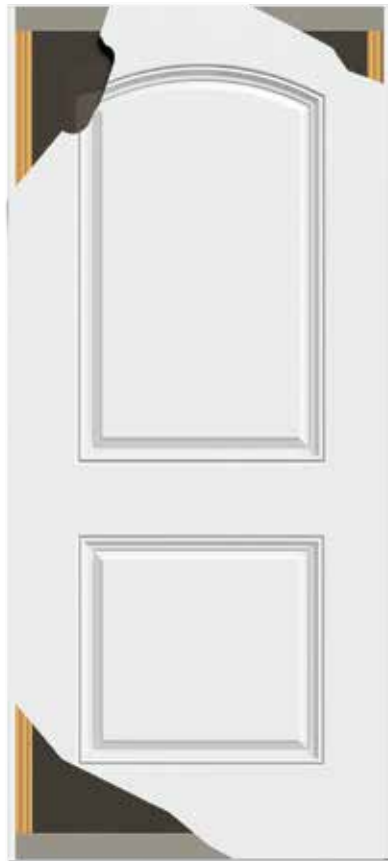
Primed



# DOOR CONSTRUCTION

## FIBERGLASS DOORS

---



### DESIGN-PRO™ COLLECTION

#### 1-3/4" DOOR

- Woodgrain fiberglass facing
- Square edge design
- Composite capped LVL stiles
- Composite top and bottom rails
- Polyurethane foam core
- 12" lock block
- 20-minute fire rating construction available

### SMOOTH-PRO™ COLLECTION

#### 1-3/4" DOOR

- Smooth fiberglass facing
- Square edge design
- Composite capped LVL stiles
- Composite top and bottom rails
- Polyurethane foam core
- 12" lock block
- 20-minute fire rating construction available

## STEEL DOORS

---



### STEEL

#### 1-3/4" DOOR

- LVL stiles and rails
- Steel bottom rail
- Galvanized steel facing
- 12" lock block
- Energy efficient core
- 20-minute fire rating construction available
- Optional steel edge for 90-minute fire rating

# JELD-WEN MODEL NUMBERS DEFINED

## HOW TO CONFIGURE A DOOR CODE

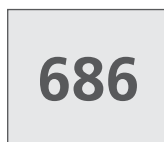


### DOOR MATERIAL & DOOR HEIGHT



SMOOTH-PRO™  
6'8" HEIGHT

### DOOR DESIGN



FULL  
LITE

### GLASS DESIGN



ATHERTON  
GLASS

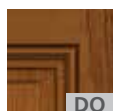
### DOOR MATERIAL

Material	Species	Code
Design-Pro™	Mahogany	DM
Design-Pro™	Oak	DO
Design-Pro™	Fir	DF
Steel	N/A	CT
Steel	N/A	GL
Smooth-Pro™	Smooth	SP

#### Design-Pro™



Mahogany



Oak



Fir

#### Smooth-Pro™



Smooth

#### Steel



CT



GL

Door Height	Code
6'8" Height	—
7'0" Height	7
8'0" Height	8

 686 Full View	 919 Full Oval	 60 6-Panel	 659 Sunburst	 684 1/2 View
 692 Twin 1/2 View	 949 3/4 Oval	 607 3/4 View 2-Panel	 607 3/4 View 1-Panel	 842 Center Arch
 20 2-Panel Arch Top	 21 2-Panel Square Top	 866 Craftsman	 26 3/4 View 2-Panel Arch Top	 30 3/4 View 3-Panel
 100 Flush	 648 Camber Top	 673 2-Panel 1/2 View Camber Top	 31 3-Panel Scroll Top	 637 2-Panel 1/2 View Round Top
 696 Square	 412 Diamond	 680 Twin Top Lite		
 694 Full View Sidelite	 692 1/2 View	 422 3/4 View Sidelite	 820 Craftsman Sidelite	

### GLASS DESIGN

Glass Name	Glass Code
Atherton	ATN
Ballantyne	BLY
Brevard	BVR
Caldwell	CWL
Dilworth	DWH
Eastfield	EFD
Harris	HAR
McAlpine	MCA
Montclair	MTC
Sardis	SDS
Selwyn	SWY
Tryon	TYN
Blanca	BLC
Rain	RN
Streamed	STM
Vapor	VPR
Micro Granite	MG
Clear	CL
Low-E	LE
Other Codes	
4-Lite SDL	SD4
6-Lite SDL	SD6
8-Lite SDL	SD8
10-Lite SDL	SD10
Direct Glaze	DG

# DESIGN-PRO™ OAK FIBERGLASS



DESIGN-PRO™  
OAK 2-PANEL CRAFTSMAN DIRECT GLAZE WITH 6-LITE SDL IN MOCHA



DESIGN-PRO™  
OAK 2-PANEL EURO



DESIGN-PRO™  
OAK 4-PANEL CAMBER TOP IN MOCHA

Doors with inserts shown with Low-E or Clear Glass. Other glass options available.





Flush

Door	2'0"	2'4"	2'6"	2'8"	2'10"	3'0"
DO-100	•	•	•	•	•	•
DO7-100	•	•	•	•	•	•
DO8-100	•	•	•	•	•	•



2-Panel Euro

Door	2'8"	2'10"	3'0"
DO-27	•	•	•



2-Panel 3/4 Arch Top

Door	2'8"	2'10"	3'0"
DO8-26	•	•	•



3-Panel 3/4 Top

Door	2'8"	2'10"	3'0"
DO-30	•	•	•



3-Panel Scroll

Door	2'10"	3'0"
DO-31	•	•



4-Panel

Door	2'8"	2'10"	3'0"
DO-40	•	•	•



6-Panel

Door	2'6"	2'8"	2'10"	3'0"
DO-60	•	•	•	•
DO8-60	•	•	•	•



8-Panel Center Arch

Door	2'8"	2'10"	3'0"
DO-80	•	•	•



Full View

Door	2'0"	2'4"	2'6"	2'8"	2'10"	3'0"
DO-686LE	•	•	•	•	•	•
DO7-686LE	•	•	•	•	•	•
DO8-686LE	•	•	•	•	•	•

DO = 6'8" DO7 = 7'0" DO8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

DESIGN-PRO™ OAK FIBERGLASS



Full Oval

Door	2'8"	2'10"	3'0"
DO-919CL	•	•	•
DO7-919CL	•	•	•
DO8-919CL	•	•	•



1-Panel 3/4 View

Door	2'8"	2'10"	3'0"
DO-607CL-1P	•	•	•
DO8-607LE-1P	•	•	•



2-Panel 3/4 View

Door	2'8"	2'10"	3'0"
DO-607CL	•	•	•



3-Panel Square Top 3/4 Oval

Door	2'8"	2'10"	3'0"
DO-949CL	•	•	•



3-Panel Scroll 3/4 Oval

Door	2'10"	3'0"
DO-949CL-2S	•	•



2-Panel 1/2 View

Door	2'8"	2'10"	3'0"
DO-684LE	•	•	•
DO8-684CL	•	•	•



2-Panel Camber Top  
1/2 View

Door	2'8"	2'10"	3'0"
DO-673CL	•	•	•



2-Panel Round Top  
1/2 View

Door	2'8"	2'10"	3'0"
DO-637LE	•	•	•



Twin 1/2 View

Door	2'8"	2'10"	3'0"
DO-692LE	•	•	•



Craftsman

Door	2'10"	3'0"
DOC-866DG-LE	•	•
DOC8-866DG-LE	•	•



Camber Top

Door	2'8"	2'10"	3'0"
DO-648CL	•	•	•



Sunburst

Door	2'8"	2'10"	3'0"
DO-659CL	•	•	•



Twin Top Lite

Door	2'8"	2'10"	3'0"
DO-680CL	•	•	•



Full View Sidelite

Sidelite	10"	1'0"	1'2"
DO-690CL	•	•	•
DO8-690LE	•	•	•



3/4 View Sidelite

Sidelite	1'0"	1'2"
DO-422CL	•	•
DO8-422CL	•	•



1/2 View Sidelite

Sidelite	1'0"	1'2"
DO-692LE	•	•
DO8-692CL	•	•



Craftsman  
Full View Sidelite

Sidelite	1'0"	1'2"
DOC-819DG-LE	•	•
DOC8-819DG-LE	•	•



Craftsman Sidelite

Sidelite	1'0"	1'2"
DOC-820DG-LE	•	•
DOC8-820DG-LE	•	•

DO = 6'8" DO7 = 7'0" DO8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



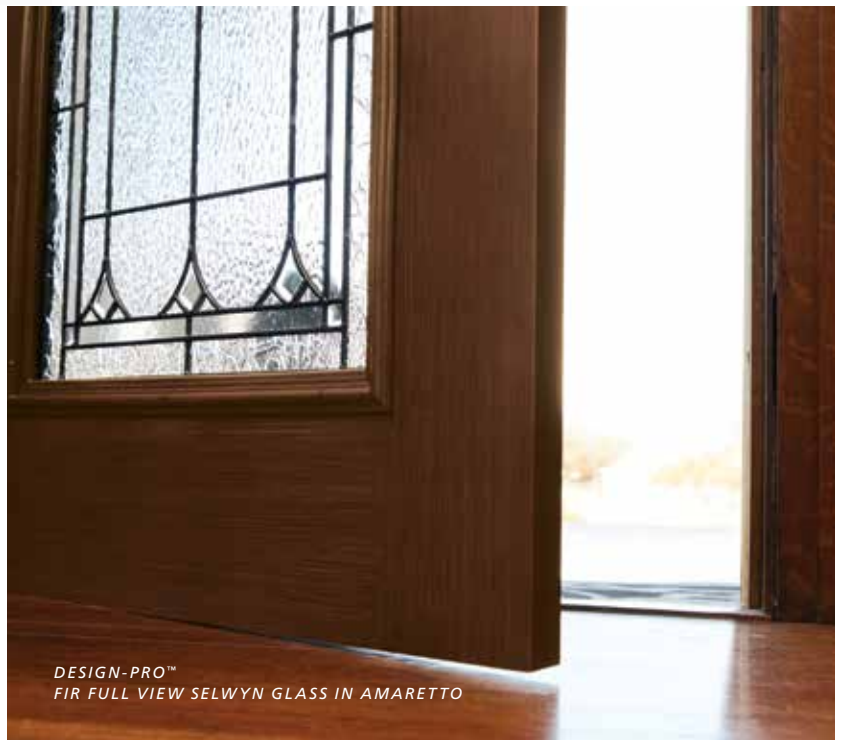
# DESIGN-PRO™ FIR FIBERGLASS



DESIGN-PRO™  
FIR FULL VIEW FRAMELESS CLEAR GLASS WITH 4-LITE WIDE SDL IN ESPRESSO



DESIGN-PRO™  
FIR 1-PANEL ¾ VIEW FRAMELESS RAIN GLASS  
WITH 4-LITE SDL IN MOCHA



DESIGN-PRO™  
FIR FULL VIEW SELWYN GLASS IN AMARETTO



Flush

Door	2'10"	3'0"
DF-100	•	•
DF7-100	•	•
DF8-100	•	•



2-Panel 3/4 Arch Top

Door	2'8"	2'10"	3'0"
DF8-26	•	•	•



3-Panel 3/4 Top

Door	2'8"	2'10"	3'0"
DF-30	•	•	•



2-Panel Square Top

Door	2'8"	2'10"	3'0"
DF-21	•	•	•
DF7-21	•	•	•
DF8-21	•	•	•



2-Panel Arch Top

Door	2'8"	2'10"	3'0"
DF-20	•	•	•
DF7-20	•	•	•
DF8-20	•	•	•



2-Panel Plank Arch Top

Door	2'8"	2'10"	3'0"
DF-24	•	•	•
DF7-24	•	•	•
DF8-24	•	•	•



Craftsman

Door	2'8"	2'10"	3'0"
DFC-30	•	•	•



6-Panel

Door	2'6"	2'8"	2'10"	3'0"
DF-60	•	•	•	•
DF7-60		•	•	•
DF8-60		•	•	•



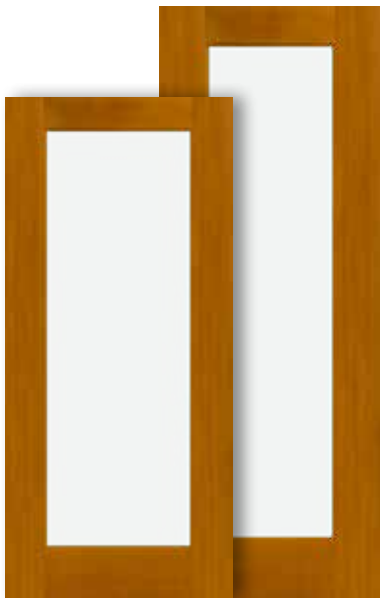
8-Panel Center Arch

Door	2'10"	3'0"
DF-80	•	•

DF = 6'8"    DF7 = 7'0"    DF8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

# DESIGN-PRO™ FIR FIBERGLASS



Full View

Door	2'0"	2'4"	2'6"	2'8"	2'10"	3'0"
DF-686DG-LE	•	•	•	•	•	•
DF7-686DG-LE	•	•	•	•	•	•
DF8-686DG-LE			•	•	•	•



Full View

Door	2'6"	2'8"	2'10"	3'0"
DF-686LE	•	•	•	•
DF7-686LE			•	•
DF8-686LE		•	•	•



1-Panel 3/4 View

Door	2'8"	2'10"	3'0"
DF-607CL	•	•	•



1-Panel 1/2 View

Door	2'8"	2'10"	3'0"
DF-684LE-1P	•	•	•
DF7-684LE-1P	•	•	•
DF8-684CL-1P	•	•	•



1-Panel Plank 1/2 View

Door	2'8"	2'10"	3'0"
DF-684LE-1PL	•	•	•
DF7-684LE-1PL	•	•	•
DF8-684CL-1PL	•	•	•



Craftsman Beadboard

Door	2'8"	2'10"	3'0"
DF8-866DG-LE	•	•	•
DFB7-866DG-LE	•	•	•
DFB8-866DG-LE	•	•	•

Available in direct glaze only



1-Panel Camber Top  
1/2 View

Door	2'8"	2'10"	3'0"
DF-673CL-1P	•	•	•
DF7-673CL-1P	•	•	•



1-Panel Plank Camber Top  
1/2 View

Door	2'8"	2'10"	3'0"
DF-673CL-1PL	•	•	•
DF7-673CL-1PL	•	•	•





2-Panel 1/2 View

Door	2'6"	2'8"	2'10"	3'0"
DF-684LE	•	•	•	•
DF7-684LE	•	•	•	•
DF8-684CL		•	•	•



Craftsman

Door	2'8"	2'10"	3'0"
DFC-866LE	•	•	•
DFC7-866LE	•	•	•



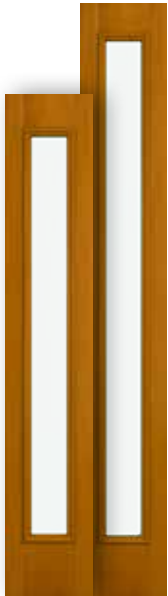
Craftsman

Door	2'8"	2'10"	3'0"
DFC-866DG-LE	•	•	•
DFC7-866DG-LE	•	•	•
DFC8-866DG-LE	•	•	•



Twin Top Lite

Door	2'8"	2'10"	3'0"
DF-680CL	•	•	•
DF7-680CL	•	•	•



Full View Sidelite

Sidelite	1'0"	1'2"
DF-690CL	•	•
DF7-690CL	•	•
DF8-690LE	•	•



Craftsman Full View Sidelite

Sidelite	1'0"	1'2"
DFC-819DG-LE	•	•
DFC8-819DG-LE	•	•



3/4 View Sidelite

Sidelite	1'0"	1'2"
DF-422CL	•	•
DF8-422CL	•	•



1/2 View Sidelite

Sidelite	1'0"	1'2"
DF-692LE	•	•
DF8-692CL	•	•



Craftsman Sidelite

Sidelite	1'0"	1'2"
DFC-820DG-LE	•	•
DFC8-820DG-LE	•	•



Craftsman Beadboard Sidelite

Sidelite	1'0"	1'2"
DFB-820DG-LE	•	•
DFB7-820DG-LE	•	•
DFB8-820DG-LE	•	•

DF = 6'8" DF7 = 7'0" DF8 = 8'0"

Available in direct glaze only

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

# DESIGN-PRO™ MAHOGANY FIBERGLASS



DESIGN-PRO™  
MAHOGANY 3-PANEL SQUARE TOP ¾ OVAL MCALPINE GLASS IN AMARETTO



2-Panel 3/4 Arch Top

Door	2'10"	3'0"
DM8-26	•	•



3-Panel Square Top

Door	2'10"	3'0"
DM-30	•	•



3-Panel Scroll

Door	2'10"	3'0"
DM-31	•	•



2-Panel Euro

Door	2'8"	2'10"	3'0"
DM-27	•	•	•



2-Panel Arch Top

Door	2'8"	2'10"	3'0"
DM-20	•	•	•
DM7-20	•	•	•
DM8-20	•	•	•



2-Panel Arch Top Plank

Door	2'10"	3'0"
DM-24	•	•
DM8-24	•	•



6-Panel

Door	2'8"	2'10"	3'0"
DM-60	•	•	•
DM7-60	•	•	•
DM8-60	•	•	•



8-Panel Center Arch

Door	2'10"	3'0"
DM-80	•	•

DM = 6'8"    DM7 = 7'0"    DM8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



# DESIGN-PRO™ MAHOGANY FIBERGLASS



Full View

Door	2'8"	2'10"	3'0"
DM-686LE	•	•	•
DM7-686LE	•	•	•
DM8-686LE	•	•	•



1-Panel 3/4 View

Door	2'8"	2'10"	3'0"
DM-607LE-1P	•	•	•



2-Panel 3/4 View

Door	2'8"	2'10"	3'0"
DM-607LE	•	•	•



1-Panel 1/2 View

Door	2'8"	2'10"	3'0"
DM-684LE-1P	•	•	•
DM7-684LE-1P	•	•	•
DM8-684LE-1P	•	•	•



2-Panel 1/2 View

Door	2'8"	2'10"	3'0"
DM-684LE	•	•	•
DM7-684LE	•	•	•
DM8-684LE	•	•	•



3-Panel Square Top  
3/4 Oval

Door	2'8"	2'10"	3'0"
DM-949LE	•	•	•



3-Panel Scroll  
3/4 Oval

Door	2'8"	2'10"	3'0"
DM-949LE-25	•	•	•



Craftsman

Door	2'8"	2'10"	3'0"
DMC-866LE	•	•	•
DMC7-866LE	•	•	•



Full View Sidelite

Sidelite	1'0"	1'2"
DM-690LE	•	•
DM7-690LE	•	•
DM8-690LE	•	•



3/4 View Sidelite

Sidelite	1'0"	1'2"
DM-422LE	•	•
DM8-422LE	•	•



1/2 View Sidelite

Sidelite	1'0"	1'2"
DM-692LE	•	•
DM7-692LE	•	•
DM8-692CL	•	•



Craftsman  
Full View Sidelite

Sidelite	1'0"	1'2"
DMC-819LE	•	•
DM7-819LE	•	•



Craftsman Sidelite

Sidelite	1'0"	1'2"
DMC-820LE	•	•
DM7-820LE	•	•

DM = 6'8" DM7 = 7'0" DM8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



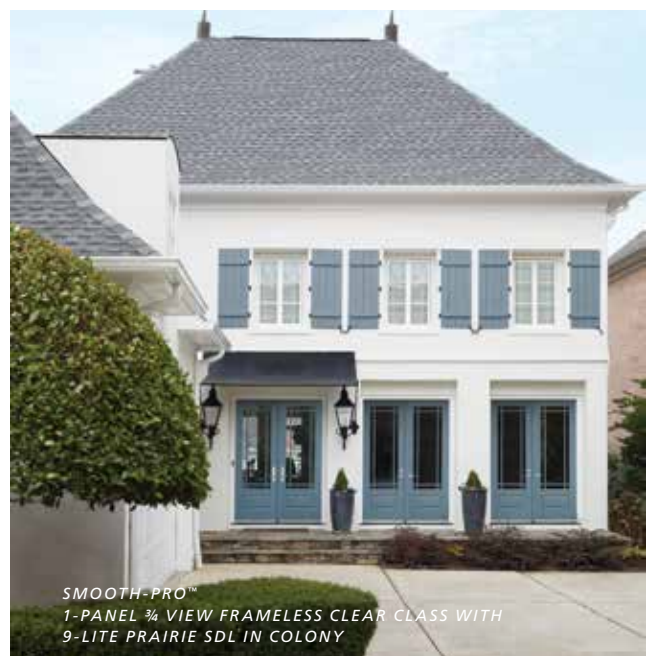
# SMOOTH-PRO™ FIBERGLASS



SMOOTH-PRO™  
FULL VIEW FRAMELESS CLEAR GLASS WITH 6-LITE SDL IN BLACK

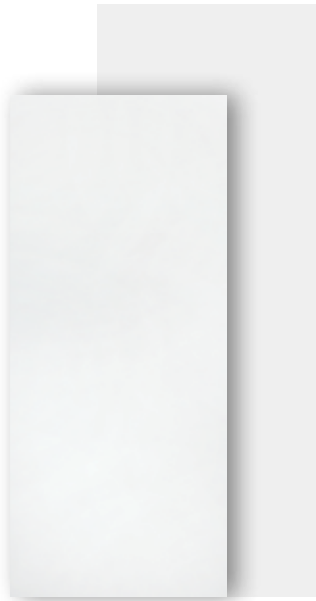


SMOOTH-PRO™  
1-PANEL ¾ VIEW FRAMELESS  
SARDIS GLASS IN MARINE



SMOOTH-PRO™  
1-PANEL ¾ VIEW FRAMELESS CLEAR GLASS WITH  
9-LITE PRAIRIE SDL IN COLONY





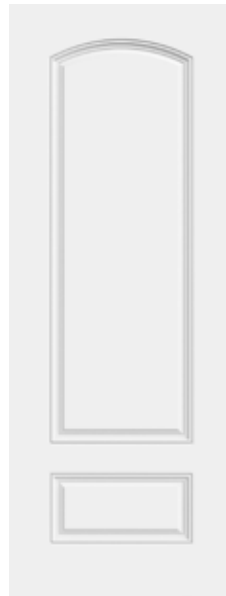
Flush

Door	2'0"	2'4"	2'6"	2'8"	2'10"	3'0"
SP-100	•	•	•	•	•	•
SP7-100	•	•	•	•	•	•
SP8-100	•	•	•	•	•	•



3-Panel 3/4 Top

Door	2'8"	2'10"	3'0"
SP-30	•	•	•



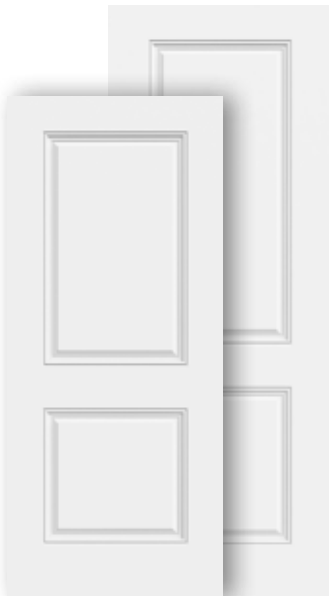
2-Panel 3/4 Arch Top

Door	2'8"	2'10"	3'0"
SP8-26	•	•	•



2-Panel Euro

Door	2'8"	2'10"	3'0"
SP-27	•	•	•



2-Panel Square Top

Door	2'8"	2'10"	3'0"
SP-21	•	•	•
SP7-21	•	•	•
SP8-21	•	•	•



2-Panel Arch Top

Door	2'8"	2'10"	3'0"
SP-20	•	•	•
SP7-20	•	•	•
SP8-20	•	•	•



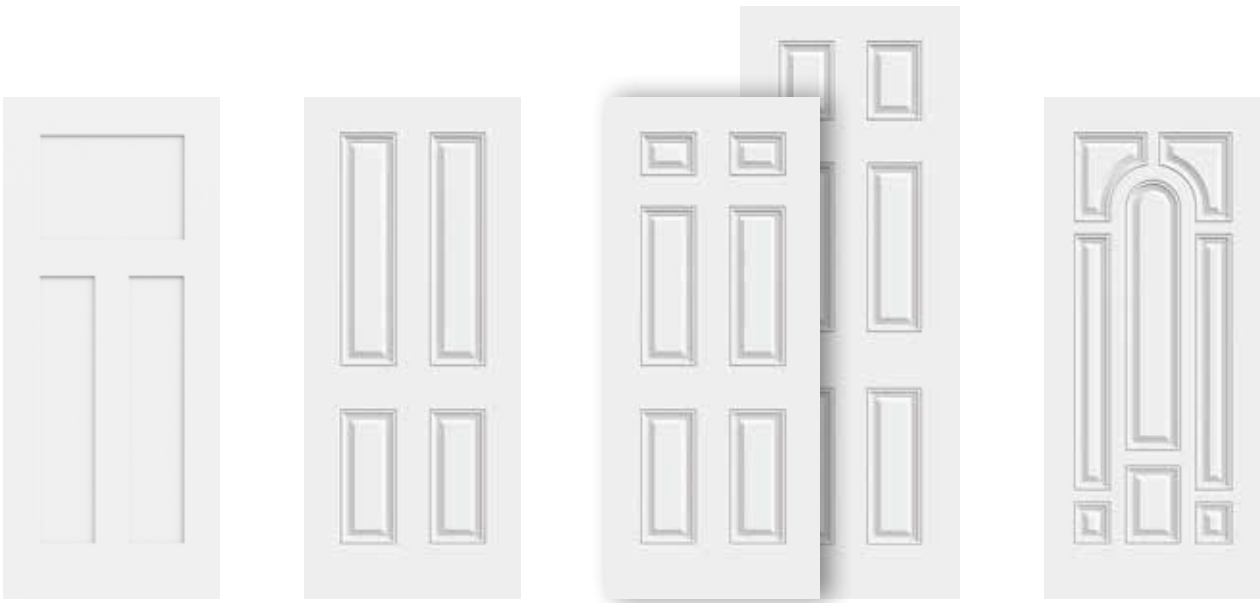
2-Panel Plank Arch Top

Door	2'8"	2'10"	3'0"
SP-24	•	•	•
SP7-24	•	•	•
SP8-24	•	•	•

SP = 6'8"      SP7 = 7'0"      SP8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

# SMOOTH PRO™ FIBERGLASS



Craftsman

Door	2'8"	2'10"	3'0"
SPC-30	•	•	•

4-Panel

Door	2'8"	2'10"	3'0"
SP-40	•	•	•

6-Panel

Door	2'6"	2'8"	2'10"	3'0"
SP-60	•	•	•	•
SP7-60		•	•	•
SP8-60		•	•	•

8-Panel Center Arch

Door	2'10"	3'0"
SP-80	•	•



Full View

Door	2'0"	2'4"	2'6"
SP-686CL	•	•	•
SP7-686CL	•	•	•
SP8-686CL	•	•	•

Door	2'8"	2'10"	3'0"
SP-686CL	•	•	•
SP7-686CL	•	•	•
SP8-686CL	•	•	•

Full Oval

Door	2'8"	2'10"	3'0"
SP-919CL	•	•	•
SP7-919CL	•	•	•
SP8-919CL	•	•	•

1-Panel 3/4 View

Door	2'6"	2'8"	2'10"	3'0"
SP-607LE	•	•	•	•
SP7-607LE	•	•	•	•
SP8-607LE	•	•	•	•

3-Panel Square Top  
3/4 Oval

Door	2'8"	2'10"	3'0"
SP-949CL	•	•	•



1-Panel 1/2 View

Door	2'8"	2'10"	3'0"
SP-684CL-1P	•	•	•
SP7-684CL-1P	•	•	•
SP8-684CL-1P	•	•	•



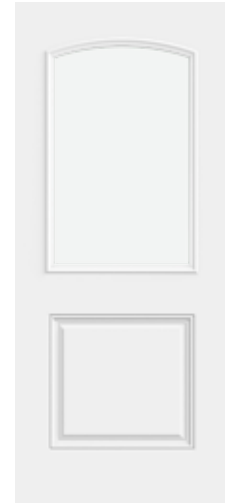
1-Panel Plank 1/2 View

Door	2'8"	2'10"	3'0"
SP-684CL-1PL	•	•	•
SP7-684CL-1PL	•	•	•
SP8-684CL-1PL	•	•	•



2-Panel Camber Top  
1/2 View

Door	2'8"	2'10"	3'0"
SP-673CL-2P	•	•	•



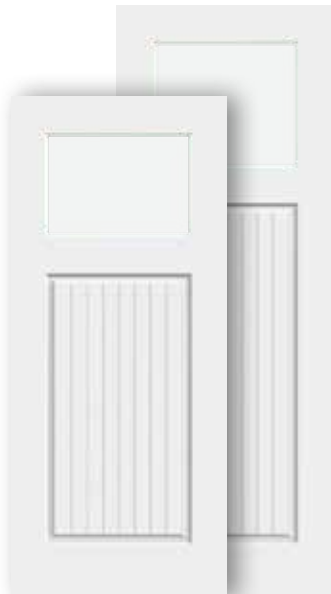
1-Panel Camber Top  
1/2 View

Door	2'8"	2'10"	3'0"
SP-673CL-1P	•	•	•
SP7-673CL-1P	•	•	•



2-Panel Round Top  
1/2 View

Door	2'8"	2'10"	3'0"
SP-637LE	•	•	•



Craftsman Beadboard

Door	2'8"	2'10"	3'0"
SPB-866DG-LE	•	•	•
SPB7-866DG-LE	•	•	•
SPB8-866DG-LE	•	•	•

Available in direct glaze only



Twin 1/2 View

Door	2'8"	2'10"	3'0"
SP-692CL	•	•	•



Camber Top

Door	2'8"	2'10"	3'0"
SP-648CL	•	•	•



Sunburst

Door	2'8"	2'10"	3'0"
SP-659CL	•	•	•

SP = 6'8"      SP7 = 7'0"      SP8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



# SMOOTH-PRO™ FIBERGLASS



Craftsman

Door	2'8"	2'10"	3'0"
SPC-866DG-LE	•	•	•
SPC7-866DG-LE	•	•	•
SPC8-866DG-LE	•	•	•

Craftsman Sidelite

Sidelite	1'0"	1'2"
SPC-820DG-LE	•	•
SPC7-820DG-LE	•	•
SPC8-820DG-LE	•	•



Craftsman  
Beadboard Sidelite

Sidelite	1'0"	1'2"
SPB-820DG-LE	•	•
SPB7-820DG-LE	•	•
SPB8-820DG-LE	•	•



Craftsman

Door	2'8"	2'10"	3'0"
SPC-866LE	•	•	•
SPC7-866LE	•	•	•



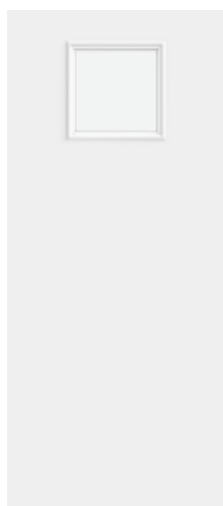
Craftsman  
Full View Sidelite

Sidelite	1'0"	1'2"
SPC-819LE	•	•
SPC7-819LE	•	•



Craftsman Sidelite

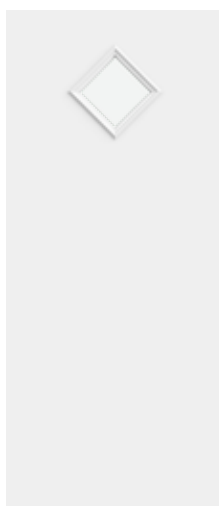
Sidelite	1'0"	1'2"
SPC-820LE	•	•
SPC7-820LE	•	•



Square

Door	2'0"	2'4"	2'6"
SP-696CL	•	•	•
SP7-696CL	•	•	•

Door	2'8"	2'10"	3'0"
SP-696CL	•	•	•
SP7-696CL	•	•	•



Diamond

Door	2'0"	2'4"	2'6"
SP-412CL	•	•	•
SP7-412CL	•	•	•

Door	2'8"	2'10"	3'0"
SP-412CL	•	•	•
SP7-412CL	•	•	•



Twin Top Lite

Door	2'8"	2'10"	3'0"
SP-680CL	•	•	•
SP7-680CL	•	•	•



Full View Sidelite

Sidelite	1'0"	1'0"	1'2"
SP-690CL	•	•	•
SP7-690CL	•	•	•
SP8-690CL	•	•	•



3/4 View Sidelite

Sidelite	1'0"	1'2"
SP-422CL	•	•
SP8-422CL	•	•



1/2 View Sidelite

Sidelite	1'0"	1'0"	1'2"
SP-692CL	•	•	•
SP7-692CL	•	•	•
SP8-692CL	•	•	•



SMOOTH PRO™  
1-PANEL ¾ VIEW FRAMELESS CLEAR GLASS WITH 4-LITE SDL IN BLACK

See decorative & privacy glass options starting on page 34

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

SMOOTH PRO™  
1-PANEL ¾ VIEW FRAMELESS CLEAR GLASS WITH 4-LITE SDL IN SERENITY

## FRAMELESS DIRECT GLAZE GLASS

### MORE GLASS. LESS MAINTENANCE. IT'S A WIN-WIN.

Fiberglass entry doors from JELD-WEN have always been beautiful and easy to maintain. Now there's even more reason to appreciate them: direct glaze glass. This feature allows for greater glass surface without additional framing needed to hold it in place. The result is a wide open expanse of glass, more interior light, and unencumbered views. Even when closed, these doors have an open, inviting feel.

- Frameless glass provides wider viewing area
- Easy to clean
- No screw holes or plugs
- Available in 2'0" through 3'0" widths
- Available in 6'8", 7'0", & 8'0" heights
- Grilles Between Glass (GBG) options also available

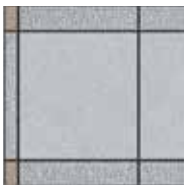


FRAMELESS GLASS



LIPLITE GLASS

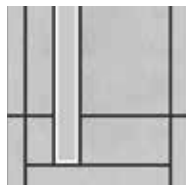
#### DIRECT GLAZE GLASS OPTIONS



Ballantyne



Sardis



Atherton



Clear Low-E



Micro Granite



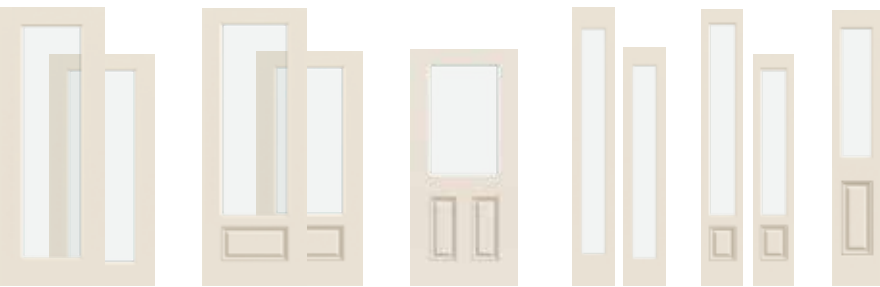
Blanca



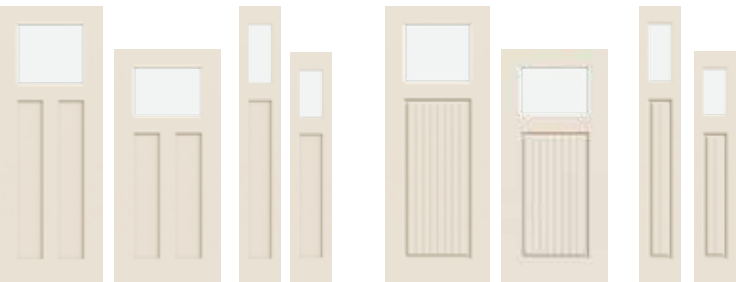
Rain



SMOOTH-PRO™



Full View      1-Panel 3/4 View      2-Panel 1/2 View      Full View Sidelite      3/4 View Sidelite      1/2 View Sidelite



Craftsman      Sidelite      Craftsman Beadboard      Sidelite

DESIGN-PRO™ FIR



Full View      1-Panel 3/4 View      2-Panel 1/2 View      Full View Sidelite      3/4 View Sidelite      1/2 View Sidelite

DESIGN-PRO™ MAHOGANY



Craftsman      Craftsman Sidelite



Craftsman      Craftsman Sidelite      Craftsman Beadboard      Craftsman Beadboard Sidelite

DESIGN-PRO™ OAK



Craftsman      Craftsman Sidelite

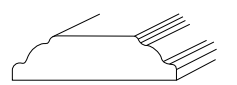


SMOOTH PRO™  
FULL VIEW FRAMELESS CLEAR GLASS WITH 6-LITE SDL IN BLACK

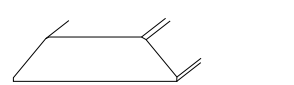
## SIMULATED DIVIDED LITES (SDL)

Add beauty and value by customizing the appearance of a JELD-WEN direct glaze Smooth-Pro™ or Design-Pro™ door with one of our simulated divided lites (SDL) options. Adhered to the exterior of the glass in classic patterns, SDL enhance the architectural style of the door. Our SDL kits provide everything you need to create an eye-catching look.

Choose a traditional Colonial narrow style or a more contemporary putty (flat profile) style in a narrow or wide width. A variety of SDL configurations are possible depending on the visible glass area of your door.



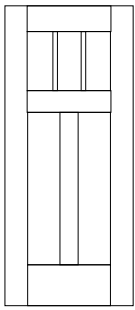
COLONIAL NARROW  
(VS2)  
1.125" x .295"



PUTTY PROFILE NARROW  
(VS3)  
1.125" x .295"



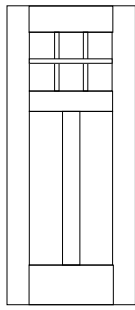
PUTTY PROFILE WIDE  
(VS4)  
3.5" x .295"



CRAFTSMAN  
3-LITE

**SIZES**  
2'8"- 3'0"x 6'8" & 7'0",  
2'8"- 3'0"x 8'0"

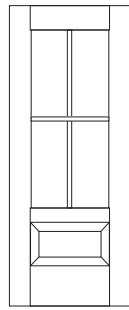
**PROFILES**  
VS2, VS3



CRAFTSMAN  
6-LITE

**SIZES**  
2'8"- 3'0"x 6'8" & 7'0",  
2'8"- 3'0"x 8'0"

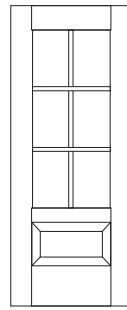
**PROFILES**  
VS2, VS3



3/4 VIEW  
4-LITE

**SIZES**  
2'10"- 3'0"x 6'8" & 7'0",  
2'10"- 3'0"x 8'0"

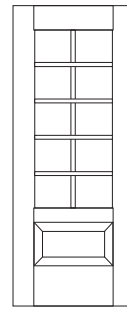
**PROFILES**  
VS3



3/4 VIEW  
6-LITE

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

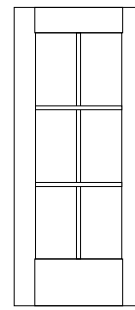
**PROFILES**  
VS3



3/4 VIEW  
10-LITE

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

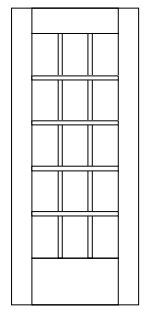
**PROFILES**  
VS3



FULL VIEW  
6-LITE

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

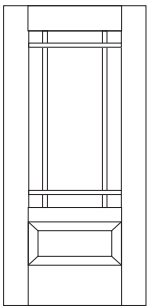
**PROFILES**  
VS3



FULL VIEW  
15-LITE

**SIZES**  
2'10"- 3'0"x 8'0"

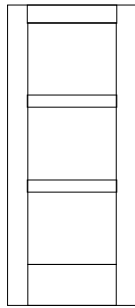
**PROFILES**  
VS3



3/4 VIEW  
9-LITE PRAIRIE

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

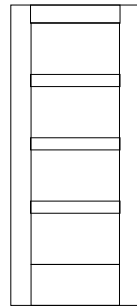
**PROFILES**  
VS3



FULL VIEW  
3-LITE WIDE BAR

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

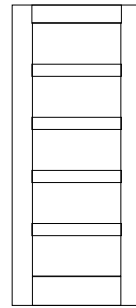
**PROFILES**  
VS4



FULL VIEW  
4-LITE WIDE BAR

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

**PROFILES**  
VS4



FULL VIEW  
5-LITE WIDE BAR

**SIZES**  
2'10"- 3'0"x 6'8",  
2'10"- 3'0"x 8'0"

**PROFILES**  
VS4



CRAFTSMAN  
2-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

**PROFILES**  
VS2, VS3



CRAFTSMAN  
2-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

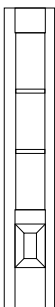
**PROFILES**  
VS2, VS3



3/4 VIEW  
2-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

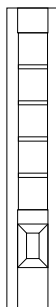
**PROFILES**  
VS3



3/4 VIEW  
3-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

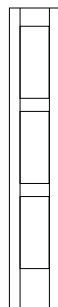
**PROFILES**  
VS3



3/4 VIEW  
5-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

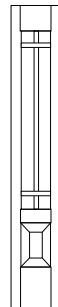
**PROFILES**  
VS3



FULL VIEW  
3-LITE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

**PROFILES**  
VS3



3/4 VIEW  
6-LITE PRAIRIE  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

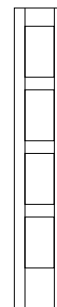
**PROFILES**  
VS3



FULL VIEW  
3-LITE WIDE BAR  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

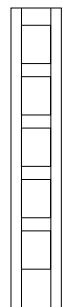
**PROFILES**  
VS4



FULL VIEW  
4-LITE WIDE BAR  
SIDELITE

**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

**PROFILES**  
VS4





FULL VIEW  
5-LITE WIDE BAR  
SIDELITE


**SIZES**  
1'0"x 6'8" & 7'0"  
1'0"x 8'0"

**PROFILES**  
VS4




# STEEL

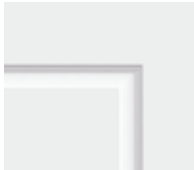





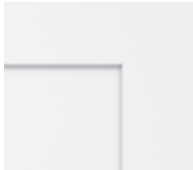
BEADED  
STICKING



OVOLO  
STICKING



CRAFTSMAN  
RAISED STICKING



FLAT  
STICKING

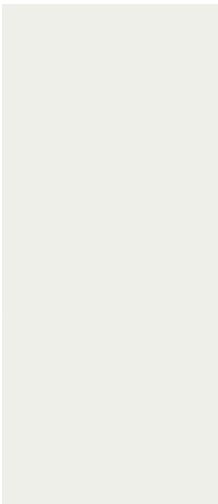
STEEL

3-PANEL CRAFTSMAN FLAT IN CRANBERRY




STEEL

6-PANEL IN MODERN WHITE



Door	2'0"	2'4"	2'6"	2'8"
CT-100	•	•	•	•
CT7-100	•	•	•	•
CT8-100	•	•	•	•
GL-100			•	•

Door	2'10"	3'0"	3'6"
CT-100	•	•	•
CT7-100	•	•	•
CT8-100	•	•	•
GL-100	•	•	



Door	2'8"	2'10"	3'0"
CT-30	•	•	•
CT7-30	•	•	•

Available in beaded sticking



Door	2'8"	2'10"	3'0"
CT-40	•	•	•
CT7-40	•	•	•

Available in ovolo sticking



6-Panel

Door	2'6"	2'8"	2'10"	3'0"	3'6"
CT-60	•	•	•	•	•
CT7-60	•	•	•	•	•
CT8-60	•	•	•	•	•
GL-60	•	•	•	•	•

Available in beaded and ovolo sticking



8-Panel Center Arch

Door	2'8"	2'10"	3'0"
CT-80	•	•	•
CT7-80	•	•	•

Available in beaded sticking



2-Panel Square Top

Door	2'8"	2'10"	3'0"
CT-21	•	•	•
CT7-21	•	•	•
CT8-21	•	•	•

Available in beaded sticking



2-Panel Arch Top

Door	2'8"	2'10"	3'0"
CT-20	•	•	•



2-Panel Plank Arch Top

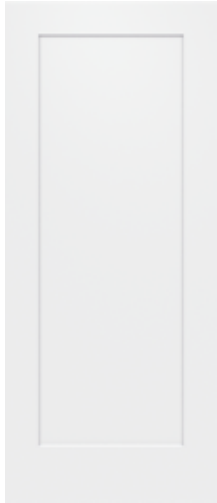
Door	2'8"	2'10"	3'0"
CT-24	•	•	•



3-Panel Craftsman Raised

Door	2'6"	2'8"	2'10"	3'0"
CC-30	•	•	•	•
CC7-30	•	•	•	•

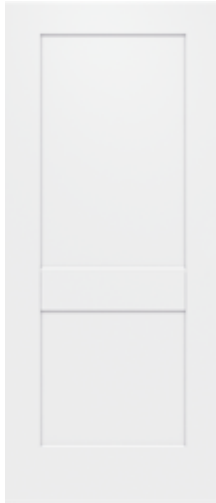
Available in craftsman raised sticking



1-Panel Flat

Door	2'8"	2'10"	3'0"
CT-FP-1	•	•	•
CT7-FP-1	•	•	•

Available in flat sticking



2-Panel Flat

Door	2'8"	2'10"	3'0"
CT-FP-2	•	•	•
CT7-FP-2	•	•	•

Available in flat sticking



3-Panel Craftsman Flat

Door	2'8"	2'10"	3'0"
CT-FP-3	•	•	•
CT7-FP-3	•	•	•

Available in flat sticking



Full View

Door	2'0"	2'4"	2'6"	2'8"
CT-686CL	•	•	•	•
CT7-686CL	•	•	•	•
CT8-686CL	•	•	•	•
GL-686CL	•	•	•	•

Door	2'10"	3'0"	3'6"
CT-686CL	•	•	•
CT7-686CL	•	•	•
CT8-686CL	•	•	•
GL-686CL	•	•	•

CT = 6'8"    CT7 = 7'0"    CT8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.

# STEEL



Full Oval

Door	2'8"	2'10"	3'0"	3'6"
CT-919CL	•	•	•	•
CT7-919CL	•	•	•	•
CT8-919CL	•	•	•	
GL-919CL	•	•	•	



2-Panel 3/4 View

Door	2'8"	2'10"	3'0"
CT-607CL	•	•	•
CT7-607CL	•	•	•



1-Panel 1/2 View

Door	2'8"	2'10"	3'0"
CT-684CL-1P	•	•	•
CT7-684CL-1P	•	•	•



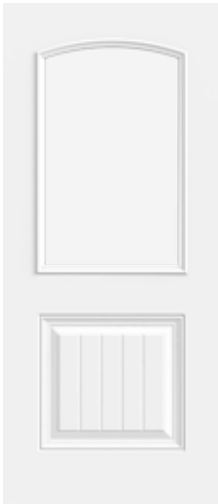
1-Panel Plank 1/2 View

Door	2'8"	2'10"	3'0"
CT-684CL-1PL	•	•	•
CT7-684CL-1PL	•	•	•



1-Panel 1/2 View  
Camber Top

Door	2'8"	2'10"	3'0"
CT-673CL-1P	•	•	•
CT7-673CL-1P	•	•	•



1-Panel Plank 1/2 View  
Camber Top

Door	2'8"	2'10"	3'0"
CT7-673CL-1PL	•	•	•



2-Panel 1/2 View

Door	2'6"	2'8"	2'10"	3'0"
CT-684CL	•	•	•	•
CT7-684CL	•	•	•	•
CT8-684CL		•	•	•
GL-684CL	•	•	•	•



2-Panel 1/2 View  
Camber Top

Door	2'6"	2'8"	2'10"	3'0"
CT-673CL	•	•	•	•
CT7-673CL	•	•	•	•
GL-673CL	•	•	•	•



2-Panel 1/2 View  
Round Top

Door	2'8"	2'10"	3'0"
CT-637CL	•	•	•
CT7-637CL	•	•	•
GL-637CL	•	•	•



Twin 1/2 View

Door	2'8"	2'10"	3'0"
CT-692CL	•	•	•
CT7-692CL	•	•	•
CT8-692CL	•	•	•
GL-692CL	•	•	•





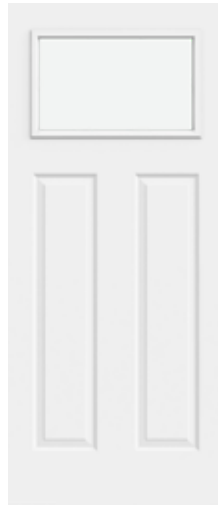
Twin 3/4 View

Door	2'8"	2'10"	3'0"
CT-422CL	•	•	•
CT7-422CL	•	•	•



3-Panel Scroll  
3/4 Oval

Door	2'8"	2'10"	3'0"
CT-949CL	•	•	•
CT7-949CL	•	•	•



Craftsman

Door	2'6"	2'8"	2'10"	3'0"
CC-866LE	•	•	•	•
CC7-866LE	•	•	•	•



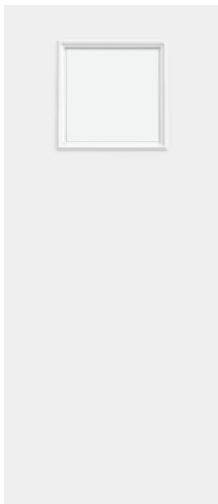
Camber Top

Door	2'8"	2'10"	3'0"
CT-648CL	•	•	•
CT7-648CL	•	•	•



Sunburst

Door	2'8"	2'10"	3'0"
CT-659CL	•	•	•
CT7-659CL	•	•	•



Square

Door	2'0"	2'4"	2'6"	2'8"
CT-696CL	•	•	•	•
CT7-696CL	•	•	•	•
GL-696CL			•	•



Twin Top Lite

Door	2'8"	2'10"	3'0"
CT-680CL	•	•	•
CT7-680CL	•	•	•
GL-680CL	•	•	•



Full View Sidelite

Sidelite	10"	1'0"	1'2"
CT-690CL	•	•	•
CT7-690CL		•	•
CT8-690CL		•	•



3/4 View Sidelite

Sidelite	1'0"	1'2"
CT-422CL	•	•
CT7-422CL	•	•



1/2 View Sidelite

Sidelite	10"	1'0"	1'2"
CT-692CL	•	•	•
CT7-692CL		•	•
CT8-692CL		•	•



Craftsman  
Full View Sidelite

Sidelite	1'0"	1'2"
CC-819LE	•	•
CC7-819LE	•	•

Door	2'10"	3'0"	3'6"
CT-696CL	•	•	•
CT7-696CL	•	•	•
GL-696CL	•	•	

CT = 6'8"    CT7 = 7'0"    CT8 = 8'0"

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.



*SMOOTH-PRO™  
FULL VIEW ATHERTON GLASS IN BLACK*



*SMOOTH-PRO™  
3/4 VIEW EASTFIELD GLASS IN CARIBBEAN BLUE*

**22-COA-0156**

# EXTERIOR DOOR GLASS DESIGNS

Decorative glass inserts can elevate the look of your entry door. Choose your level of privacy and optional caming for added detail.



## CLEAR GLASS OPTIONS

Clear glass inserts maximize natural light to create a clean, open, and inviting feel at the home's entryway.



## PRIVACY GLASS OPTIONS

Textured and obscure glass options allow some light to shine through while maintaining your preferred level of privacy.



## DETAILED CAMING OPTIONS

Add visual interest to your entryway with decorative glass designs with various caming options.



## DIRECT GLAZE/FRAMELESS

Direct glaze glass options offer a wider viewing area and clean design. Available for Smooth-Pro™ and Design-Pro™ doors.



## SIMULATED DIVIDED LITES (SDL)

Add simulated divided lites to your direct glaze door for visual interest. Available for Smooth-Pro™ and Design-Pro™ doors.



## GRILLES BETWEEN GLASS (GBG)

Grilles between glass are installed between the panes of glass, making them an attractive, low-maintenance option. They create the timeless appearance of traditional grilles while making it easy to clean both interior and exterior glass surfaces.

## CAMING



Patina



Antique Brass



Brass



Platinum



Wrought Iron

## GLASS PRIVACY RATING

1 2 3 4 5 6 7 8 9 10



CLEAR

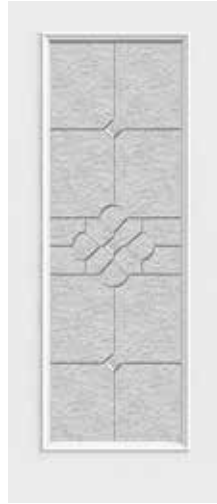
OBSCURE



# FULL VIEW



SMOOTH-PRO™  
FULL VIEW ATHERTON GLASS IN BLACK



### ATHERTON\*



CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

### BALLANTYNE\*



CAMING	Patina
SIDELITE	•
PRIVACY RATING	9

### BREVARD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	8

### CALDWELL

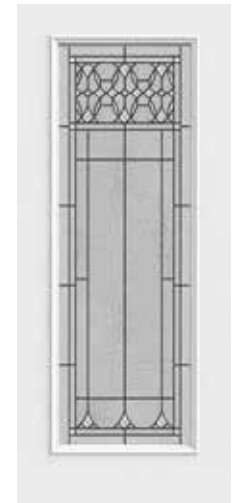
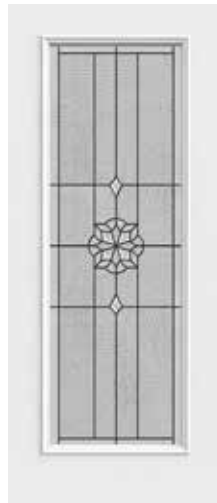
CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9

### DILWORTH

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9

### EASTFIELD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



### ELIZABETH

CAMING	Brass
SIDELITE	•
PRIVACY RATING	8

### HARRIS

CAMING	Patina
SIDELITE	•
PRIVACY RATING	8

### MCALPINE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

### MONTCLAIRE

CAMING	Wrought Iron
SIDELITE	•
PRIVACY RATING	9

### SARDIS\*



CAMING	Antique Brass
SIDELITE	•
PRIVACY RATING	6

### SELWYN

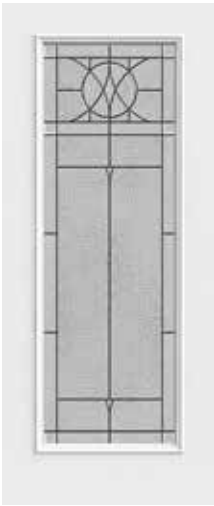
CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

\*Available in Frameless/Direct Glaze

Decorative, Privacy, and Clear glass available in Design-Pro™, Smooth-Pro™, and Steel doors.  
Direct Glaze glass & SDL only available for Smooth-Pro™ and Design-Pro™ doors.

Glass available in impact

FULL VIEW



TRYON

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



6-LITE\*



SIDELITE	•
PRIVACY RATING	0



15-LITE



SIDELITE	•
PRIVACY RATING	0



3-LITE WIDE BAR\*



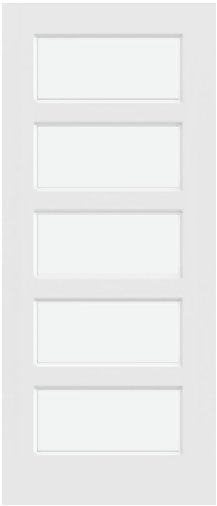
SIDELITE	•
PRIVACY RATING	0



4-LITE WIDE BAR\*



SIDELITE	•
PRIVACY RATING	0



5-LITE WIDE BAR\*



SIDELITE	•
PRIVACY RATING	0



PRAIRIE



SIDELITE	•
PRIVACY RATING	0



BLANCA\*



SIDELITE	•
PRIVACY RATING	9



MICRO GRANITE\*



SIDELITE	•
PRIVACY RATING	9



RAIN\*



SIDELITE	•
PRIVACY RATING	9



STREAMED

SIDELITE	•
PRIVACY RATING	9



VAPOR

SIDELITE	•
PRIVACY RATING	6

\*Available in Frameless/Direct Glaze





SMOOTH-PRO™  
FULL VIEW FRAMELESS CLEAR GLASS WITH 5-LITE WIDE SDL IN REVIVAL BLUE

## 3/4 VIEW



SMOOTH-PRO™  
1-PANEL 3/4 VIEW EASTFIELD GLASS IN CARIBBEAN BLUE



### ATHERTON\*

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

### BALLANTYNE\*

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9

### BREVARD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	8

### CALDWELL

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9

### DILWORTH

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9

### EASTFIELD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



### ELIZABETH

CAMING	Flat Brass
SIDELITE	•
PRIVACY RATING	8

### HARRIS

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

### MCALPINE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	0

### MONTCLAIRE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9

### SARDIS\*

CAMING	Antique Brass
SIDELITE	•
PRIVACY RATING	6

### SELWYN

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7

\*Available in Frameless/Direct Glaze

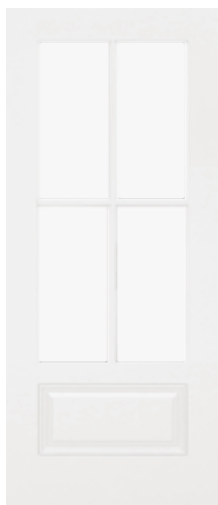


# 3/4 VIEW



TRYON

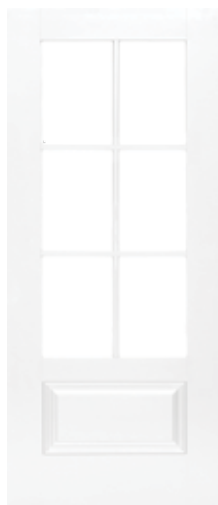
CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



4-LITE\*



SIDELITE	•
PRIVACY RATING	0



6-LITE\*



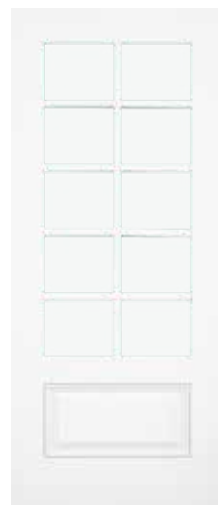
SIDELITE	•
PRIVACY RATING	0



8-LITE



SIDELITE	•
PRIVACY RATING	0



10-LITE\*



SIDELITE	•
PRIVACY RATING	0



PRAIRIE\*



SIDELITE	•
PRIVACY RATING	0



BLANCA\*



SIDELITE	•
PRIVACY RATING	9



MICRO GRANITE\*



SIDELITE	•
PRIVACY RATING	9



RAIN\*



SIDELITE	•
PRIVACY RATING	9



STREAMED

SIDELITE	•
PRIVACY RATING	9



VAPOR

SIDELITE	•
PRIVACY RATING	6

3/4 VIEW OVAL



DESIGN-PRO™  
MAHOGANY 3-PANEL SQUARE TOP 3/4 OVAL MCALPINE GLASS IN AMARETTO



BREVARD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	8



MCALPINE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



CLEAR

SIDELITE	•
PRIVACY RATING	0



\*Available in Frameless/Direct Glaze

## 1/2 VIEW



SMOOTH-PRO™  
1-PANEL 1/2 VIEW ELIZABETH GLASS IN SERENITY





BALLANTYNE\* 

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



BREVARD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	8



CALDWELL

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



DILWORTH

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



EASTFIELD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



ELIZABETH

CAMING	Flat Brass
SIDELITE	•
PRIVACY RATING	8



HARRIS

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



MCALPINE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	0



SARDIS\* 

CAMING	Antique Brass
SIDELITE	•
PRIVACY RATING	6

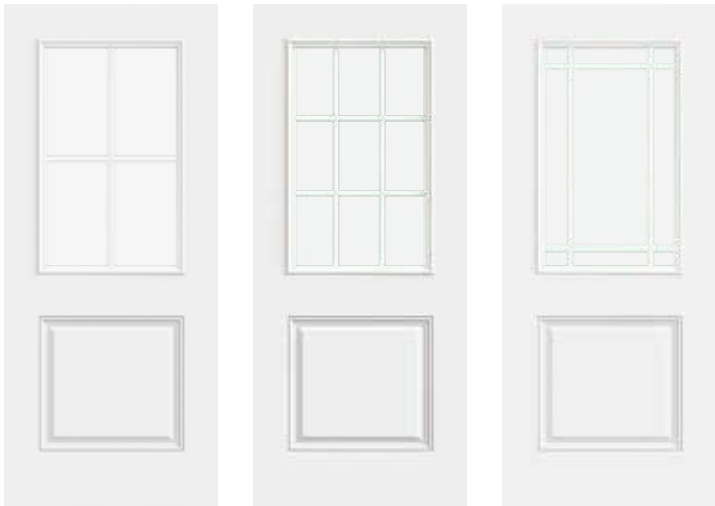





SELWYN

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7




\*Available in Frameless/Direct Glaze

1/2 VIEW



4-LITE		9-LITE		PRAIRIE	
SIDELITE	•	SIDELITE	•	SIDELITE	•
PRIVACY RATING	0	PRIVACY RATING	0	PRIVACY RATING	0



BLANCA*		MICRO GRANITE*		RAIN*		STREAMED	VAPOR
SIDELITE	•	SIDELITE	•	SIDELITE	•	SIDELITE	•
PRIVACY RATING	9	PRIVACY RATING	9	PRIVACY RATING	9	PRIVACY RATING	6

\*Available in Frameless/Direct Glaze



DESIGN-PRO™  
FIR 1-PANEL ½ VIEW VAPOR GLASS IN MOCHA



# CRAFTSMAN



BALLANTYNE\*

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



BREVARD

CAMING	Patina
SIDELITE	•
PRIVACY RATING	8



DILWORTH

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



ELIZABETH

CAMING	Flat Brass
SIDELITE	•
PRIVACY RATING	9



HARRIS

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



MONTCLAIRE

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



SARDIS\*

CAMING	Antique Brass
SIDELITE	•
PRIVACY RATING	6



SELWYN

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



TRYON

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



MICRO GRANITE\*

SIDELITE	•
PRIVACY RATING	9



RAIN\*

SIDELITE	•
PRIVACY RATING	9



VAPOR

SIDELITE	•
PRIVACY RATING	6



DESIGN-PRO™  
FIR 2-PANEL CRAFTSMAN CLEAR GLASS WITH 6-LITE EXTERNAL GRILLES IN HAZELNUT



3-LITE\*



SIDELITE	•
PRIVACY RATING	9



6-LITE\*



SIDELITE	•
PRIVACY RATING	6

\*Available in Frameless/Direct Glaze

## CAMBER TOP



BALLANTYNE 

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



BREVARD

CAMING	Patina
SIDELITE	•
PRIVACY RATING	9



CALDWELL

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



TRYON

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



HARRIS

CAMING	Patina
SIDELITE	•
PRIVACY RATING	8

## SUNBURST



SELWYN

CAMING	Patina
SIDELITE	•
PRIVACY RATING	7



CLEAR 

SIDELITE	•
PRIVACY RATING	0



BREVARD

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	8



CALDWELL

CAMING	Platinum
SIDELITE	•
PRIVACY RATING	9



CLEAR 

SIDELITE	•
PRIVACY RATING	0





# PAINT & STAIN COLORS

## PAINT COLORS

						
Modern White	Brilliant White	Fog	Graphite	Granite	Slate	Black
						
Ash	Driftwood	Linen	Flagstone	Timber Gray	French Vanilla	Bisque
						
Desert Sand	Pottery	Dark Chocolate	Chestnut Bronze	Cranberry	Mesa Red	Currant
						
Surf	Evergreen	Hartford Green	Serenity	Colony	Revival Blue	Eclipse
						
Marine	Caribbean Blue	Blue Heron	Persimmon	Marigold		

Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.





STEEL  
3-PANEL CRAFTSMAN IN CRANBERRY



SMOOTH-PRO™  
1-PANEL ¾ VIEW  
FRAMELESS CLEAR  
GLASS WITH 10-LITE  
SDL IN SERENITY



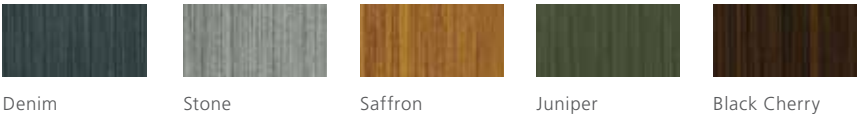
SMOOTH-PRO™  
1-PANEL ¾ VIEW FRAMELESS CLEAR GLASS WITH  
4-LITE SDL IN REVIVAL BLUE



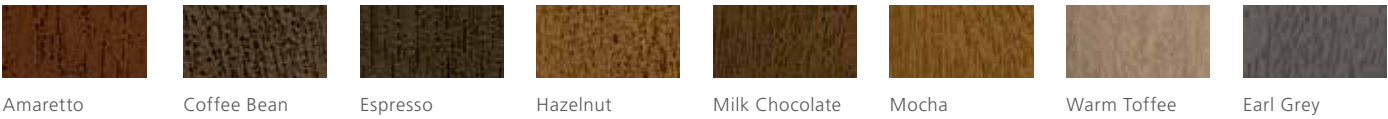
SMOOTH-PRO™  
1-PANEL ¾ VIEW EASTFIELD GLASS IN CARIBBEAN BLUE



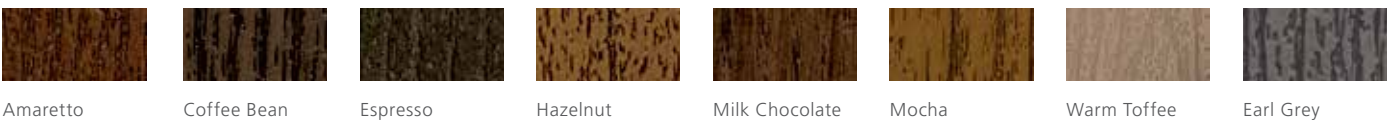
STATEMENT™ COLLECTION STAIN COLORS



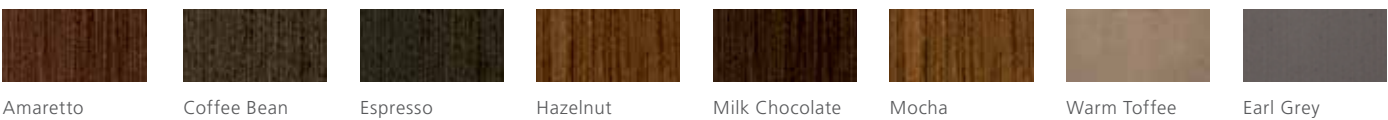
DESIGN-PRO™ MAHOGANY STAIN COLORS



DESIGN-PRO™ OAK STAIN COLORS

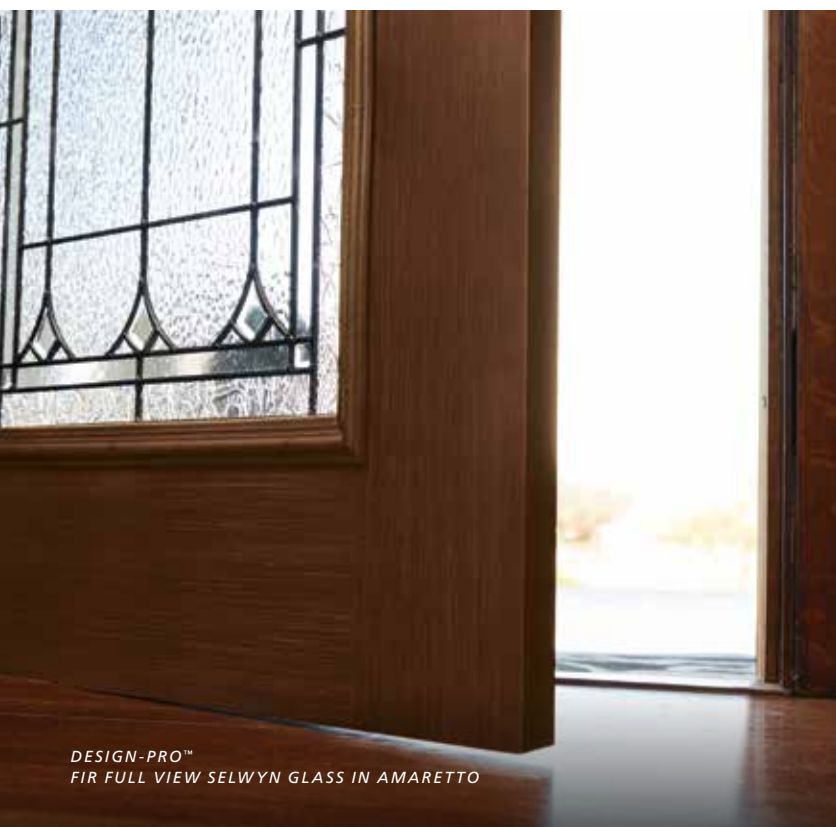


DESIGN-PRO™ FIR STAIN COLORS



Actual colors may vary from samples shown due to printing process and/or differing monitor calibrations.





# FIRE-RATED DOORS



Add peace of mind without compromising your design. JELD-WEN fire-rated door systems are engineered to conform to 20-minute or 90-minute fire code requirements.

A fire-rated door system is effective only if the home also has proper wall thickness to prevent the spread of fire.

## FIBERGLASS 20-MINUTE FIRE-RATED DOORS DESIGN-PRO™ AND SMOOTH-PRO™



2-Panel Arch Top

Door	2'8"	2'10"	3'0"
20DM-20	•	•	•
20DF-20	•	•	•
20SP-20	•	•	•
20DM8-20	•	•	•
20DF8-20	•	•	•
20SP8-20	•	•	•



2-Panel Square Top

Door	2'8"	2'10"	3'0"
20DF-21	•	•	•
20SP-21	•	•	•
20DF8-21	•	•	•
20SP8-21	•	•	•



6-Panel

Door	2'6"	2'8"	2'10"	3'0"
20DM-60	•	•	•	•
20DO-60	•	•	•	•
20DF-60	•	•	•	•
20SP-60	•	•	•	•
20DM8-60	•	•	•	•
20DO8-60	•	•	•	•
20DF8-60	•	•	•	•
20SP8-60	•	•	•	•



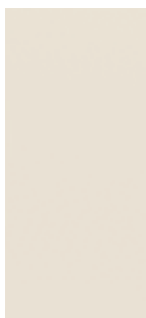
4-Panel

Door	2'8"	2'10"	3'0"
20DO-40	•	•	•
20SP-40	•	•	•



3-Panel Scroll

Door	2'10"	3'0"
20DM-31	•	•
20DO-31	•	•



Flush

Door	2'0"	2'4"	2'6"
20SP-100	•	•	•
20DO-100	•	•	•
20DO8-100	•	•	•
20SP8-100	•	•	•

Door	2'8"	2'10"	3'0"
20SP-100	•	•	•
20DO-100	•	•	•
20DO8-100	•	•	•
20SP8-100	•	•	•



2-Panel Arch Plank

Door	2'8"	2'10"	3'0"
20DM-24	•	•	•
20DF-24	•	•	•
20SP-24	•	•	•
20DM8-24	•	•	•
20DF8-24	•	•	•
20SP8-24	•	•	•



8-Panel Center Arch

Door	2'10"	3'0"
20DM-80	•	•
20SP-80	•	•



2-Panel Euro

Door	2'8"	2'10"	3'0"
20DM-27	•	•	•
20DO-27	•	•	•
20SP-27	•	•	•

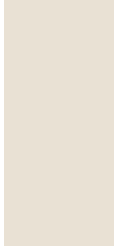


2-Panel 3/4 Arch Top

Door	2'8"	2'10"	3'0"
20DM8-26	•	•	•
20DO8-26	•	•	•
20SP8-26	•	•	•



## STEEL FIRE-RATED DOORS



### 20-MINUTE FIRE-RATED DOOR SYSTEMS

#### Flush

Door	2'0"	2'6"	2'8"	2'10"	3'0"
20CT-100	•	•	•	•	•

#### 2-Panel Arch Top

Door	2'8"	2'10"	3'0"
20CT-20	•	•	•

#### 2-Panel Square Top

Door	2'8"	2'10"	3'0"
20CT-21	•	•	•

#### 2-Panel Arch Top Plank

Door	2'8"	2'10"	3'0"
20CT-24	•	•	•

### 90-MINUTE FIRE-RATED DOOR SYSTEMS

#### Flush

Door	2'0"	2'6"	2'8"	2'10"	3'0"	3'6"
90CT-100	•	•	•	•	•	•
90CT7-100	•	•	•	•	•	•
90CT8-100	•	•	•	•	•	•

#### 2-Panel Arch Top

Door	2'8"	2'10"	3'0"
90CT-20	•	•	•

#### 2-Panel Square Top

Door	2'8"	2'10"	3'0"
90CT-21	•	•	•
90CT7-21	•	•	•

#### 2-Panel Arch Top Plank

Door	2'8"	2'10"	3'0"
90CT-24	•	•	•



### 20-MINUTE FIRE-RATED DOOR SYSTEMS

#### 3-Panel

Door	2'8"	2'10"	3'0"
20CT-30	•	•	•

#### 4-Panel

Door	2'8"	2'10"	3'0"
20CT-40	•	•	•

#### 6-Panel

Door	2'6"	2'8"	2'10"	3'0"
20CT-60	•	•	•	•

#### 8-Panel

Door	2'8"	2'10"	3'0"
20CT-80	•	•	•

### 90-MINUTE FIRE-RATED DOOR SYSTEMS

#### 3-Panel

Door	2'8"	2'10"	3'0"
90CT-30	•	•	•
90CT7-30	•	•	•

#### 4-Panel

Door	2'8"	2'10"	3'0"
90CT-40	•	•	•
90CT7-40	•	•	•

#### 6-Panel

Door	2'6"	2'8"	2'10"	3'0"	3'6"
90CT-60	•	•	•	•	•
90CT7-60	•	•	•	•	•
90CT8-60	•	•	•	•	•

#### 8-Panel

Door	2'8"	2'10"	3'0"
90CT-80	•	•	•
90CT7-80	•	•	•



### 20-MINUTE FIRE-RATED DOOR SYSTEMS

#### 3-Panel Craftsman Raised

Door	2'6"	2'8"	2'10"	3'0"
20CC-30	•	•	•	•

#### 1-Panel Flat

Door	2'8"	2'10"	3'0"
20CT-FP-1	•	•	•

#### 2-Panel Flat

Door	2'8"	2'10"	3'0"
20CT-FP-2	•	•	•

#### 3-Panel Flat

Door	2'8"	2'10"	3'0"
20CT-FP-3	•	•	•

### 90-MINUTE FIRE-RATED DOOR SYSTEMS

#### 3-Panel Craftsman Raised

Door	2'6"	2'8"	2'10"	3'0"
90CC-30	•	•	•	•
90CT7-30	•	•	•	•

#### 1-Panel Flat

Door	2'8"	2'10"	3'0"
90CT-FP-1	•	•	•
90CT7-FP-1	•	•	•

#### 2-Panel Flat

Door	2'8"	2'10"	3'0"
90CT-FP-2	•	•	•
90CT7-FP-2	•	•	•

#### 3-Panel Flat

Door	2'8"	2'10"	3'0"
90CT-FP-3	•	•	•
90CT7-FP-3	•	•	•



## IMPACT-RATED AND COASTAL DOORS

JELD-WEN is dedicated to making doors that perform reliably in any climate and offers door systems that stand up to salt air, coastal moisture, severe winds, and dangerous windborne debris.

JELD-WEN coastal door systems not only protect your home from weather-related damage, but are also well suited for areas where heightened security is a concern.

Our Steel, Smooth-Pro™ fiberglass, and Design-Pro™ fiberglass door collections include impact-rated options. Choose an all-panel, opaque door or a door with impact-rated glass. Contact your local dealer for available options.

# MISSILE IMPACT TESTING

Meeting the WBDR and HVHZ requirements involves stringent performance evaluations. To pass the missile impact test, the door unit must withstand an 8-foot-long 2" x 4" being fired at 35 mph at designated spots on the door surface and glass unit. After this, the system must remain intact through 9000 pressure cycles to simulate the winds of a hurricane.



2" x 4" fired at 35 miles per hour



IMPACT!



Remains intact through 9000 pressure cycles



	Available Product	Door Options	Building Codes
Windborne Debris Region (WBDR)	<ul style="list-style-type: none"><li>• Standard Fiberglass</li><li>• Steel</li></ul>	<ul style="list-style-type: none"><li>• All Panel</li><li>• Impact Glass Only</li></ul>	<ul style="list-style-type: none"><li>• Florida Building Code</li><li>• Texas Dept. of Insurance</li><li>• National &amp; Regional Codes</li></ul>
High Velocity Hurricane Zone (HVHZ)	<ul style="list-style-type: none"><li>• Reinforced Fiberglass</li><li>• Steel</li></ul>	<ul style="list-style-type: none"><li>• All Panel</li><li>• Impact Glass Only</li></ul>	<ul style="list-style-type: none"><li>• HVHZ Areas of Florida</li></ul>

Visit [www.jeld-wen.com](http://www.jeld-wen.com) and your JELD-WEN dealer for specific details on door systems requiring coastal certifications. Always check with local building codes in your area. Doors must be installed in accordance with JELD-WEN product approvals.



# ADA-COMPLIANT DOORS

## DESIGN-PRO™ FIBERGLASS

Design-Pro™ Fir Fiberglass 6'8" Door	Item Number	Bottom Rail Height for 79" Door
Flush	DF-100	—
2-Panel Square Top	DF7-21	10.125"

Design-Pro™ Fir Fiberglass 7'0" Door	Item Number	Bottom Rail Height for 83" Door
Flush	DF7-100	—
2-Panel Arch Top	DF7-20	11.000"
2-Panel Plank Arch Top	DF7-24	11.000"
6-Panel	DF7-60	11.000"
2-Panel Square Top	DF7-21	11.000"
Full View Direct Glaze	DF7-686DG	12.874"
2-Panel 1/2 View Direct Glaze	DF7-684DG	11.000"
1-Panel 3/4 View Direct Glaze	DF7-607DG-1P	11.065"
1-Panel Plank Craftsman Direct Glaze	DFB7-866DG	11.050"
2-Panel Craftsman Direct Glaze	DFC7-866DG	11.050"

Design-Pro™ Fir Fiberglass 8'0" Door	Item Number	Bottom Rail Height for 95" Door
Flush	DF8-100	—
2-Panel Arch Top	DF8-20	10.125"
2-Panel Plank Arch Top	DF8-24	10.125"
6-Panel	DF8-60	10.125"
Full View Direct Glaze	DF8-686DG	10.374"

Design-Pro™ Mahogany Fiberglass 7'0" Door	Item Number	Bottom Rail Height for 83" Door
2-Panel Arch Top	DM7-20	10.000"
6-Panel	DM7-60	11.000"
2-Panel Craftsman Direct Glaze	DMC7-866DG	11.050"

Design-Pro™ Oak Fiberglass 7'0" Door	Item Number	Bottom Rail Height for 83" Door
Flush	DO7-100	—

Textured White Panel Fiberglass 7'0" Door	Item Number	Bottom Rail Height for 83" Door
Flush	TW7-100	—

## SMOOTH-PRO™ FIBERGLASS

Smooth-Pro™ Fiberglass 6'8" Door	Item Number	Bottom Rail Height for 79" Door
Flush	SP-100	—
2-Panel Square Top	SP7-21	10.125"

Smooth-Pro™ Fiberglass 7'0" Door	Item Number	Bottom Rail Height for 83" Door
Flush	SP7-100	—
2-Panel Arch Top	SP7-20	11.000"
2-Panel Plank Arch Top	SP7-24	11.000"
6-Panel	SP7-60	11.000"
2-Panel Square Top	SP7-21	11.000"
Full View Direct Glaze	SP7-686DG	12.874"
2-Panel 1/2 View Direct Glaze	SP7-684DG	11.000"
1-Panel 3/4 View Direct Glaze	SP7-607DG-1P	11.065"

## SMOOTH-PRO™ FIBERGLASS CONTINUED

Smooth-Pro™ Fiberglass 7'0" Door Continued	Item Number	Bottom Rail Height for 83" Door
Beadboard Direct Glaze	SPB7-866DG	11.050"
2-Panel Craftsman Direct Glaze	SP7-866DG	11.050"
Smooth-Pro™ Fiberglass 8'0" Door	Item Number	Bottom Rail Height for 95" Door
Flush	SP8-100	—
2-Panel Square Top	SP8-21	10.125"
2-Panel Plank Arch Top	SP8-24	10.125"
6-Panel	SP8-60	10.125"
Full View Direct Glaze	SP8-686DG	10.374"

## STEEL

Steel 6'8" Door	Item Number	Bottom Rail Height for 79" Door
Flush	CT-100	---
2-Panel Square Top ADA	CT-21 ADA	10.125"
Craftsman 1-Panel Flat ADA	CT-FP-1 ADA	10.125"
Craftsman 2-Panel Flat ADA	CT-FP-2 ADA	10.125"
Craftsman 3-Panel Flat ADA	CT-FP-3 ADA	10.125"

Steel 7'0" Door	Item Number	Bottom Rail Height for 83" Door
Flush	CT7-100	---
6-Panel	CT7-60	13.065"
2-Panel 1/2 View	CT7-684	13.033"
Craftsman 1-Panel Flat	CT7-FP-1	12.875"
Craftsman 2-Panel Flat	CT7-FP-2	12.875"
Craftsman 3-Panel Flat	CT7-FP-3	12.875"
1-Panel 1/2 View	CT7-684-1P	12.875"
2-Panel Plank Square Top	CT-29	12.875"
1-Panel Plank 1/2 View	CT7-684-1PL	12.875"
2-Panel Plank Arch Top	CT7-24	13.000"
2-Panel Arch Top	CT-20	13.000"
3-Panel	CT7-30	10.875"
3-Panel Oval 3/4 View	CT7-949	10.875"
Craftsman 3-Panel	CC7-30	12.532"
4-Panel	CT7-40	13.000"
4-Panel Blank Top	CT7-40BT	12.563"

Steel 8'0" Door	Item Number	Bottom Rail Height for 95" Door
Flush	CT8-100	---
6-Panel	CT8-60	12.375"
2-Panel 1/2 View	CT8-684	12.125"
2-Panel Square Top	CT8-21	10.812"

## ADA REQUIREMENTS & LOCAL BUILDING CODES

ADA design standard requirements may vary depending on the specific nature of your project. Please consult your local building code authority for ADA compliance and local code requirements.

# JELD-WEN® INTERIOR AND EXTERIOR DOOR SLAB AND SYSTEM LIMITED WARRANTY

## OUR WARRANTY TO YOU...

JELD-WEN® Products<sup>1</sup> are designed to create lasting value for your home. This warranty is effective for JELD-WEN products manufactured on or after **June 1, 2019** for use in the United States and Canada. Any previous warranties will continue to apply to door products manufactured by JELD-WEN prior to this date. For additional information, including care and maintenance information, refer to [www.jeld-wen.com](http://www.jeld-wen.com) or [www.jeld-wen.ca](http://www.jeld-wen.ca).

### WHAT THIS WARRANTY COVERS

We warrant to the original owner<sup>2</sup> if your JELD-WEN Product exhibits a defect in material or workmanship within the time periods from the date of purchase as specified below, we will, at our option, repair, replace or refund the purchase price of the Product or component part. Skilled labor<sup>3</sup> (where deemed necessary by us) to repair or replace any component is provided for **one (1)** year from the date of purchase.

### Owner-Occupied Single-Family Residence Limited Warranty

**Door Slabs:** Except as set forth below, we warrant our door slabs, including any glass inserts, miscellaneous hardware, and accessories provided and installed by us, as follows:

Door Slab	Coverage
Fiberglass Exterior Doors	As long as you own and occupy your residence
Steel Exterior Doors	Ten (10) years
Wood Exterior Doors	Five (5) years
Interior MDF Doors	Ten (10) years
All Other Interior Doors	Five (5) years

**Factory Prefinish:** We warrant the factory-applied prefinish on our doors against peeling, checking, or cracking for periods listed below. Should the factory prefinish be proven defective, we will at our option, replace or refinish the door or pay up to the credit indicated per opening to the current owner. (Note: this coverage applies to factory-applied finish coat options only; standard factory-applied primer is not a finish coat.)

Product	Coverage	Refinish Credit
Aurora® Fiberglass Doors	10 years	\$350 per opening
Other Fiberglass and Steel Doors	10 years	\$100 per opening
Custom Exterior Wood Doors	1 year	\$250 per opening
Custom Interior Wood Doors	1 year	\$150 per opening
All Other Doors	1 year	\$100 per opening

**Door Frames:** We warrant our door frames for **one (1)** year from the date of purchase.

**AuraLast® Protection for Door Slabs and Frames:** Our AuraLast pine wood door slabs will be free from wood decay and/or termite damage for **twenty (20)** years from the date of initial purchase. Our AuraLast pine door frame components will be free from wood decay and/or termite damage **for as long as the original consumer owns the home** in which the AuraLast wood frames are originally installed. Warranty coverage outside Canada, the contiguous 48 states and Alaska is contingent upon approval from the JELD-WEN Customer Care Department. Please contact us.

**Severe Weather® Glass:** We warrant each Severe Weather glass unit for **ten (10)** years.

**Retractable Screens:** We warrant retractable roll screens for **five (5)** years.

**Stress Cracks:** Applies to sealed glass units installed in exterior doors. Laminated glass and special glazings are excluded. Coverage for **one (1)** year includes replacement glass and skilled labor<sup>3</sup> necessary

to replace the glass. Stress cracks occur when, in the first year after manufacture, the glass develops a crack without sign of impact.

### Commercial Limited Warranty (Other than Owner-Occupied Single-Family Residence)

**All Door Slabs, Components, Prefinishes, and Options:** Warranty coverage is the lesser of five (5) years from the date of purchase or the period indicated above for Owner-Occupied Single-Family Residences.

### Transferability

This warranty is not transferable.

### HOW TO GET ASSISTANCE

If you have a problem with your JELD-WEN Door, immediately upon discovery, contact the distributor or dealer from whom you purchased our product or contact us directly:

#### In the United States:

Mail: JELD-WEN Customer Care  
Attn: Door Warranty Claims  
P.O. Box 1329, Klamath Falls, OR 97601  
Phone: 800-JELD-WEN (800-535-3936)  
Fax: 800-436-5954  
Email: [CustomerServiceAgents@jeld-wen.com](mailto:CustomerServiceAgents@jeld-wen.com)  
Web: [www.jeld-wen.com/contact-us](http://www.jeld-wen.com/contact-us)

#### In Eastern Canada:

Mail: JELD-WEN Service Department  
90, rue Industrielle  
Saint-Appollinaire, Quebec, Canada G0S 2E0  
Phone: 800-463-1930  
Fax: 888-998-1599

#### In Western Canada:

Mail: JELD-WEN Service Department  
550 Munroe Avenue  
Winnipeg, Manitoba, Canada R2K 4H3  
Phone: 888-945-5627  
204-668-8230  
Fax: 204-663-1072  
Email: [wpgservice@jeld-wen.com](mailto:wpgservice@jeld-wen.com)

We can respond quickly and efficiently if you provide the following: a) date and location of purchase, or product identification from the tag on the top edge of the slab, b) how to contact you, c) the address where the product can be inspected, and d) a description of the apparent problem and the product (photographs are helpful).

### What We Will Do

Upon receiving your notification, we will send out an acknowledgment within three business days to the contact, which you have provided. We will investigate your claim and will begin to take appropriate action within 30 days after receipt of notification. If your warranty claim is denied, we may charge an inspection fee for an onsite inspection that is required or requested by you.

If your claim is approved, and we choose to repair or replace the product or a component of the product, the replacement product/component will be provided in the same specification as the original product or its nearest equivalent current product. Replacement products, components and services are warranted for the balance of the original product or service warranty, or 90 days, whichever is longer.

If the claimed nonconformity is warp of a door slab, we may defer repairing or replacing the door slab for a period up to 12 months from the date of claim. It is not uncommon for a temporary warp condition to occur as the door slab adjusts to local humidity and temperature conditions. This deferral will not be counted against the warranty period.

Continued on next page

**22-COA-0156**



## WHAT THIS WARRANTY DOES NOT COVER

JELD-WEN manufactures and sells both individual door slabs and complete door systems. This warranty does not cover parts or components (e.g., locksets, handles, etc.) not sold by JELD-WEN to the original owner. See your distributor or dealer regarding the warranty on the entire door system and/or these other components.

JELD-WEN is not liable for damage, product failure or poor product performance due to:

- Normal wear and tear, including normal wear and tear of weatherstrip; and natural weathering of surfaces. Variations in the color or texture of wood or finish; surface cracks that are less than 1/32" in width and/or 2" in length; for knotty alder and juniper: surface checks that are less than 1/8" in width and/or 5" in length, and knot placement, quantity, or size.
- Normal wear and tear to hardware and naturally occurring changes to hardware finishes (e.g., corrosion or tarnishing).
- Misuse or abuse; failure to follow the care and maintenance instructions.
- Alteration or modification of the Product (e.g. customer applied peepholes, mail slots, security systems).
- Any cause beyond our reasonable control (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties outside of our control).
- Failure to provide an adequate overhang for exterior doors; damage caused by extreme temperature buildup where storm doors are present. For general guidelines, see our "Appropriate Protection for Exterior Doors" in our product literature or at [www.jeld-wen.com/resources](http://www.jeld-wen.com/resources); for specific information pertaining to your structure, consult your contractor or other building professional.
- Improper installation not in conformance with JELD-WEN installation instructions (note: see [www.jeld-wen.com](http://www.jeld-wen.com) for current installation instructions); operational problems and problems related to water and/or air infiltration/leaking as a result of improper installation or flaws in building design or construction.
- Installation into a condition that exceeds product design standards and/or certified performance specifications and/or is not in compliance with building codes.
- Improper field finishing of all surfaces (front and back) and edges (top, bottom, and sides) of the door slab and frame (See our Finishing Instructions at [www.jeld-wen.com/resources](http://www.jeld-wen.com/resources)); variation or unsatisfactory results in sheen or texture resulting from the field application of paint or any other finishing material.
- Bow or misalignment in the frame or jamb in which the door slab is hung (if such is purchased from JELD-WEN unmachined and not prehung).
- Wood decay for wood components other than of AuraLast pine; and wood decay for any wood components (including pine) that come in direct contact with soil. Note: superficial mold/mildew does not indicate wood decay.
- Structural integrity issues or other problems caused by improper field fitting of the hardware, improper sizing of the door slab, or other assembly problems.
- Hardware, accessories or inserts that are not provided by us.
- Condensation or damage as a result of condensation (Note: unless due to insulating glass failure, most condensation problems are related to excessive humidity levels in a structure; contact a heating/air conditioning specialist for help).

JELD-WEN is also not liable for:

- Warp for any 3'6" wide by 8' 0" high by 1 3/4", or smaller door slab, which does not exceed 1/4" in the plane of the door slab itself; door slabs wider and/or higher are not guaranteed for warp.
- Slight expansion or contraction due to varying environmental conditions; slab movement (shrinkage or swelling) of 1/4" or less due to temperature and humidity, consult our Care & Maintenance documents on how to work with this natural movement.
- Screen damage due to normal wear and tear, misuse, abuse, or insect or animal activity.
- Discoloration or rusting of decorative metal accent options, such as grilles, clavos, straps, etc.; discoloration of wood sills provided by us.
- Slight imperfections or wavy distortions in the glass that don't impair structural integrity. Note: wavy distortions in the glass (e.g. related to laminate interlayer or heat strengthening of glass) are not considered a defect. Slight color variations in glass are not considered a defect.

- Labor and materials for repainting or refinishing activities or the removal or disposal of defective product(s); labor exceeding the time periods specified above.
- Incidental or consequential damage. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so this may not apply to you.

### Important Legal Information -- Please read this carefully. It affects your rights.

This Limited Warranty document sets forth our maximum liability for our products. We shall not be liable for special, indirect, consequential, or incidental damages. Your sole and exclusive remedy with respect to any and all losses or damages resulting from any cause whatsoever shall be as specified above. We make no other warranty or guarantee, either express or implied, including implied warranties of merchantability and fitness for a particular purpose to the original purchaser or to any subsequent user of the Product, except as expressly contained herein. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim thereon shall be the same as, that provided in the express warranty stated herein. This Limited Warranty document gives you specific legal rights, and you may have other rights that vary from state/province to state/province.

Any dispute, controversy or claim arising out of or relating to this warranty, any alleged breach thereof, or the use or sale of the products to which this warranty applies shall be resolved by mandatory and binding arbitration administered by the American Arbitration Association in accordance with its commercial arbitration rules. Any ensuing arbitration will be venue in Charlotte, North Carolina. Original purchaser agrees that they may assert claims against JELD-WEN in their individual capacity only, and not as a plaintiff or class member in any purported class action proceeding. This warranty shall be interpreted in accordance with the laws of North Carolina (excluding North Carolina's conflict of laws principles). This warranty shall be interpreted in accordance with the laws of Oregon (excluding Oregon's conflict of laws principles). If any provision of this warranty is deemed illegal or unenforceable in a judicial proceeding, that provision shall be severed and excluded, and the remainder of this warranty shall continue in force. Rejection of these dispute resolution provisions must be sent to JELD-WEN at the address provided herein within thirty (30) days of original purchaser's receipt of the Products to which this warranty applies.

No distributor, dealer or representative of JELD-WEN has the authority to change, modify or expand this warranty. The original purchaser of this Product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of the structure into which the Product is installed.

<sup>1</sup>"JELD-WEN Products" shall refer to interior and exterior door slabs and systems marketed under the JELD-WEN brand name for use in the United States and Canada. See our separate Export Warranty for applicable coverage on products used outside the United States and Canada.

<sup>2</sup>This warranty extends to the original owner (original owner means the contractor/dealer/distributor/purchaser and the initial owner of the structure where the product is initially installed) and is not transferable. The original purchaser of this product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of the structure into which the product is installed. Should state or provincial law preclude no transferability, then the warranty period is effective as applicable up to **five (5)** years from the date of initial purchase for door slabs and systems and **one (1)** year from the date of manufacture for the factory prefinish.

<sup>3</sup>"Skilled labor" refers to tasks where specialized technical knowledge, experience, methods or tools are required to properly identify, diagnose and/or correct product-related problems.

© 2019, JELD-WEN, Inc. | JELD-WEN and AuraLast are registered trademarks of JELD-WEN, Inc.



JELD-WEN is proud to be part of the JELD-WEN global family of product brands and companies.  
© 2022 JELD-WEN, Inc. All rights reserved. JELD-WEN, the JELD-WEN Logo, and the JW Logo are registered trademarks of JELD-WEN, Inc. DESIGN-PRO, SMOOTH-PRO, and STATEMENT COLLECTION are trademarks of JELD-WEN, Inc.  
10-568 04/22

22-COA-0156