



COMMERCIAL

COMMERCIAL  
SERIES



# Quality People. Quality Products.



Welcome to Haas Door, a family owned and operated company since 1954. We value our customers and manufacture our garage doors with the highest quality workmanship and raw materials.

Our method is simple. We hire quality people driven to produce quality products. We call ourselves “The Haas Door Family” and that’s the way we operate.

**Quality people. Quality products.**

As you read forward, allow us to open a door to endless possibilities for you!

**[haasdoor.com](http://haasdoor.com)**



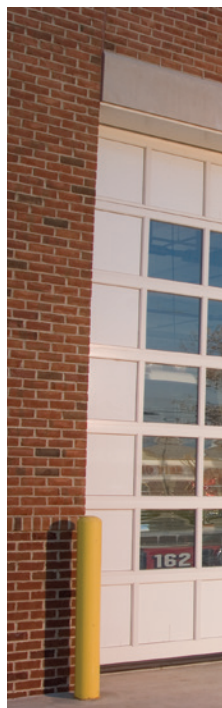


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CA110 in clear anodized





CA220 in dark bronze anodized



CA220 in white

# COMMERCIAL ALUMINUM SERIES

CA-220 / CA-110

## Clean Lines.

Haas CA-220 and CA-110 Aluminum Sectional Doors are strong, rugged and durable. A versatile product consisting of aluminum rails and stiles, combined to provide a strong profiled framing structure with aluminum panels and a wide range of glazing choices. This is the ideal application for service stations, quick lube facilities, automobile dealerships and other facilities where strength, appearance and corrosion resistance are key factors.



CA220 in dark bronze anodized



CA110 in clear anodized

## CA Quick Guide

Model	Door Thickness	R-Value	Max. Door Size		End Stile Type	Center Stile	Rails		Panel and Glazing Types
			Width	Height			Meeting	Top & Bottom	
CA-220	1-3/4"	N/A	28'-2"	16'-0"	4" or 6" Aluminum Size Dependant	2" Aluminum	4" Aluminum	4" or 6" Aluminum Size Dependant	Polystyrene & Aluminum Laminated Panels Various Types & Thicknesses of Glazing
CA-110	1 3/4"	N/A	16'-2"	14'-0"	3" Aluminum	1" Aluminum	2" Aluminum	3" Aluminum Upgradable to 4" or 6"	Polystyrene & Aluminum Laminated Panels Various Types & Thicknesses of Glazing



## CA-220 Heavy Duty Frame

The CA-220 Commercial Aluminum sections are assembled using .065" minimum aluminum alloy tubular type extrusions with thru-bolt construction. Sections are 1-3/4" thick. Any Section height is available. Bottom rails, top rails and end stiles are 4" on doors up to 18'-2" wide. Doors greater than 18'-2" wide have 6" bottom rails and top rails. All doors wider than 12'-0" have built in struts and doors greater than 18'-2" wide have an additional "T" shaped cap strut. Standard color for the CA-220 is clear anodized; while color anodizing and special paint finishes are optional. Panels for solid sections are .040" stucco embossed or .050" smooth aluminum. A wide variety of glazing materials are available.



## CA-110 Narrow Line Frame

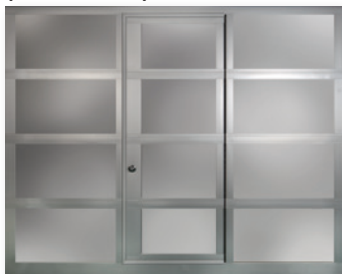
The CA-110 Commercial Aluminum sections are assembled using .065" minimum aluminum alloy, tubular type extrusions with thru-bolt construction. Sections are 1-3/4" thick. Any Section height is available. Bottom rails, top rails and end stiles are 3" on doors up to 13'-11" wide. Doors greater than 13'-11" wide have 4" bottom rails. All doors wider than 12'-0" have built in struts on each section. All aluminum is clear anodized as standard. Color anodizing and special paint finishes are optional. Panels for solid sections are .040" stucco embossed or .050" smooth aluminum. A wide variety of glazing materials are available.



## Available Options

2" or 3" Track	Pass Door (220 only)	Chain Hoist
Exhaust Port(s)	High Cycle Springs	Top Header Seal
Cam Safety Device	Wind Load (220 only)	Car Wash Cutout
Spring Bumpers	High Cycle Rollers	Security Bars

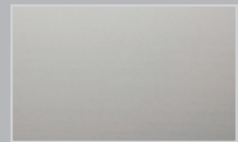
**Pass Through Door  
(exterior view)**



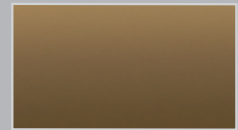
**Optional Exhaust Port  
(interior view)**



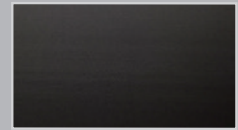
# COLOR OPTIONS



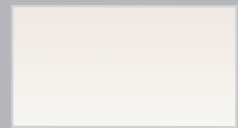
Clear Anodized



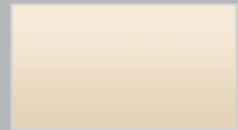
Dark Bronze Anodized



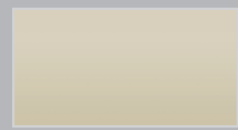
Black Anodized



Polar White



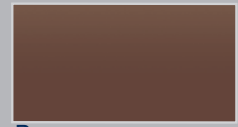
Almond



Sahara Tan



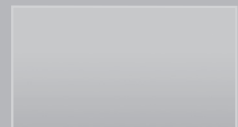
Sandstone



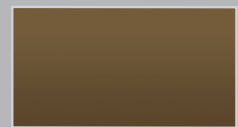
Brown



Hunter Green



Gray



Painted Bronze

CA-110 available in clear anodized, bronze anodized, black anodized, and polar white only. CA-220 is available in all colors shown.







816 in Trinar® white with large TL lites



816 in sandstone

# COMMERCIAL 800 SERIES

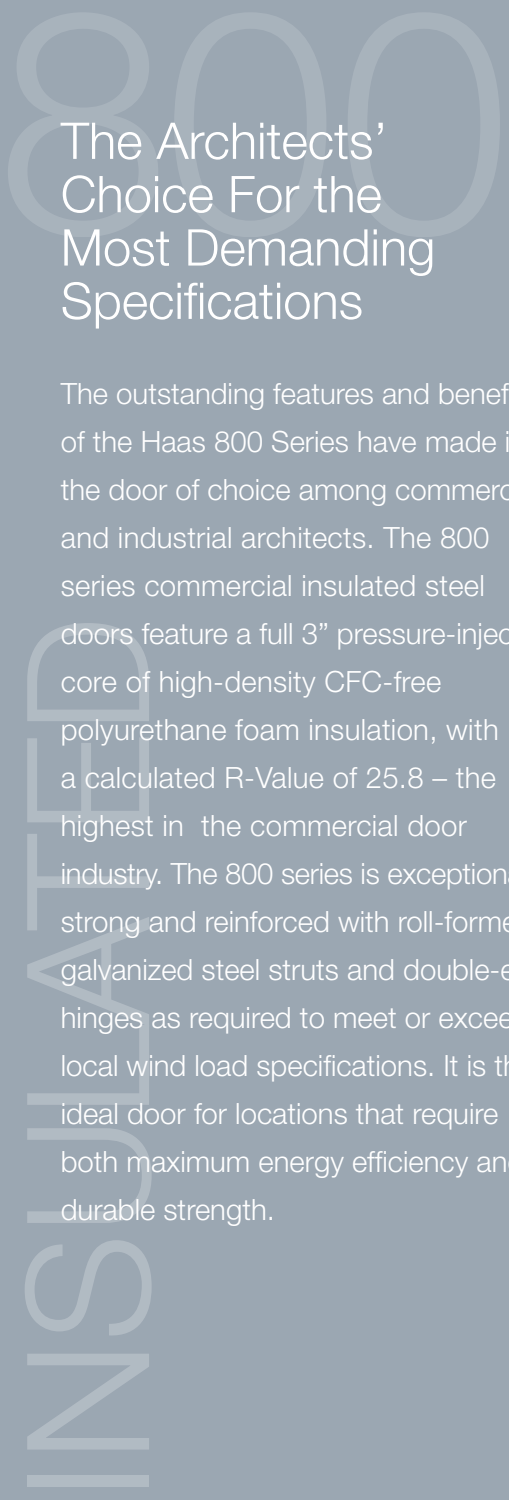
3" Thick R-25.8

814 / 816 / 832 / 833 / 832-20 /  
833-20 / 850 / 851



## The Architects' Choice For the Most Demanding Specifications

The outstanding features and benefits of the Haas 800 Series have made it the door of choice among commercial and industrial architects. The 800 series commercial insulated steel doors feature a full 3" pressure-injected core of high-density CFC-free polyurethane foam insulation, with a calculated R-Value of 25.8 – the highest in the commercial door industry. The 800 series is exceptionally strong and reinforced with roll-formed galvanized steel struts and double-end hinges as required to meet or exceed local wind load specifications. It is the ideal door for locations that require both maximum energy efficiency and durable strength.





833 in white

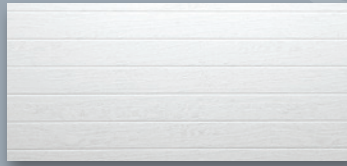


816 in Trinar® white

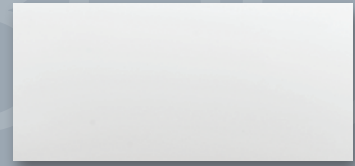




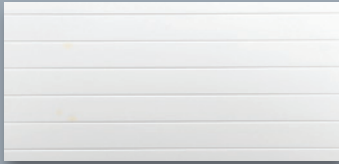
**814 Flush Woodgrain**  
All Colors  
Window Options: p 31 (bottom)



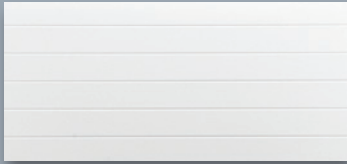
**816 V-Groove Woodgrain**  
All Colors  
Window Options: p 31 (bottom)



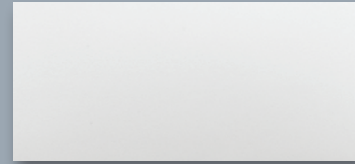
**832, 832-20 Flush Smooth**  
Polar White and Brown  
Window Options: p 31 (bottom)



**833, 833-20 V-Groove Smooth**  
Polar White and Brown  
Window Options: p 31 (bottom)



**850 V-Groove Stucco Aluminum**  
Polar White  
Window Options: p 31 (bottom)



**851 Flush Stucco Aluminum**  
Polar White  
Window Options: p 31 (bottom)

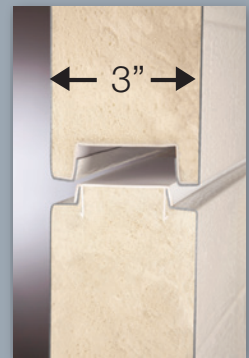
**800 Series Available Options**

- 2" or 3" Track
- Double Steel End Stiles
- Exhaust Port
- Cam Safety Device
- Spring Bumpers
- Chain Hoist
- High Cycle Springs
- Wind Load Rating
- Glazing (lites)
- High Cycle Rollers

**Optional Exhaust Port (interior view)**



**A Full Thermal Break** is used in the tongue-and-groove construction of all 800 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



Model	Door Thickness	R-Value*	Max. Door Size		End Style Type	Section Skins	
			Width	Height		Inside	Outside
814	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
816	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
832	3" (76.2mm)	25.8	24'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA Smooth Steel
833	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA V-Groove Smooth Steel
832-20	3" (76.2mm)	25.8	24'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA Smooth Steel
833-20	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA V-Groove Smooth Steel
850	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA V-Groove Stucco Aluminum
851	3" (76.2mm)	25.8	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA Flush Stucco Aluminum

\*calculated R-Value







2032 in white with large TL lites

# COMMERCIAL 2000 SERIES

2" Thick R-17.66

2010 / 2012 / 2014 / 2016 / 2032 / 2033 /  
2032-20 / 2033-20 / 2050 / 2051 / 2060 /  
2064 / 2070 / 2073 / 2080 / 2090



2000 Series / 2" thick / R-17.66

## 2000

### The Strength To Keep Out Noise and Weather

Haas 2000 Series commercial insulated steel doors are manufactured with the elements in mind. They will enhance the beauty of your building while at the same time, insulate and dampen outside noise. Choosing high R-Value sectional doors will help increase energy efficiency and savings. Polyurethane insulation provides the highest R-Values available in sectional steel doors.

2000 series doors are reinforced with roll-formed galvanized steel struts and double-end hinges, as required to meet wind load specifications and to comply with ANSI/DASMA 102-2004. The protective coating system is found on both the interior and exterior steel.



2016 in bronze with painted bronze full view sections



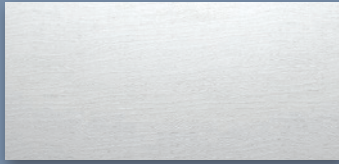
2012 in almond

# 2000 QUICK GUIDE

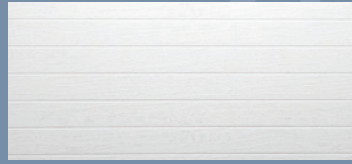
Model	Door Thickness	R-Value*	Max. Door Size		End Stile Type	Section Skins	
			Width	Height		Inside	Outside
2010	2" (50.8mm)	17.66	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
2012	2" (50.8mm)	17.66	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
2014	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
2016	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
2032	2" (50.8mm)	17.66	24'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA Smooth Steel
2033	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA V-Groove Smooth Steel
2032-20	2" (50.8mm)	17.66	24'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA Smooth Steel
2033-20	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA V-Groove Smooth Steel
2050	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA V-Groove Stucco Aluminum
2051	2" (50.8mm)	17.66	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA Flush Stucco Aluminum
2060	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Carriage House Panel Woodgrain Steel
2064	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Long Carriage House Panel Woodgrain Steel
2070	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ranch Panel Woodgrain Steel
2073	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Ranch Panel Woodgrain Steel
2080	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Raised Panel Woodgrain Steel
2090	2" (50.8mm)	17.66	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Sculptured Panel Woodgrain Steel



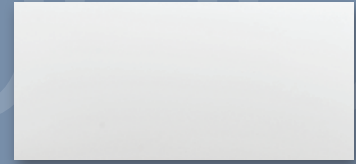
# DOOR PANELS



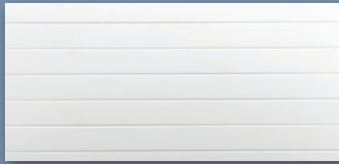
**2010, 2014 Flush Woodgrain**  
All Colors  
Window Options for 2010: p30-32  
Window Options for 2014: p31



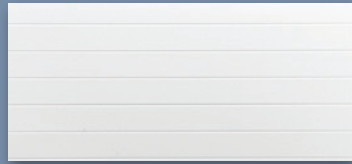
**2012, 2016 V-Groove Woodgrain**  
All Colors  
Window Options: p31 (bottom)



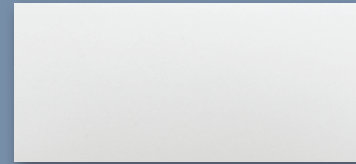
**2032, 2032-20 Flush Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



**2033, 2033-20 V-Groove Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



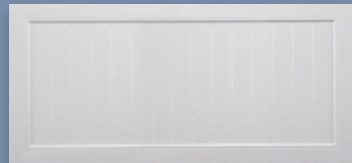
**2050 V-Groove Stucco Aluminum**  
Polar White  
Window Options: p31 (bottom)



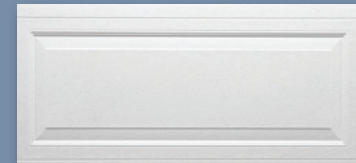
**2051 Flush Stucco Aluminum**  
Polar White  
Window Options: p31 (bottom)



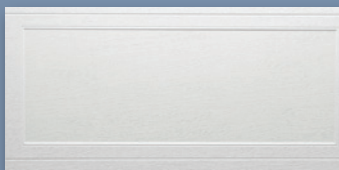
**2060 Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**2064 Long Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**2070 Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32



**2073 Recessed Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32

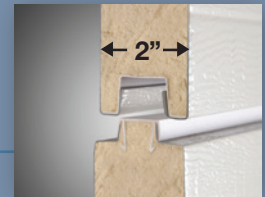


**2080 Raised Panel Woodgrain Panel**  
All Colors  
Window Options: p 30



**2090 Sculptured Raised Woodgrain Panel**  
All Colors  
Window Options: p 30

A Full Thermal Break is used in the tongue-and-groove construction of all 2000 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



# OPTIONS

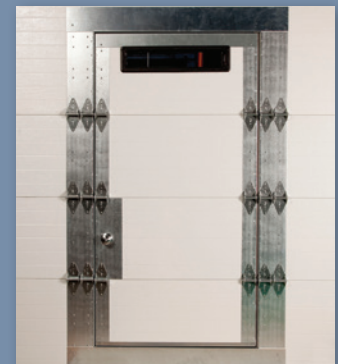
## 2000 Series Available Options

- 2" or 3" Track
- Double Steel End Stiles
- Exhaust Port
- Cam Safety Device
- Spring Bumpers
- Chain Hoist
- High Cycle Springs
- Wind Load Rating
- Glazing (lites)
- High Cycle Rollers
- Aluminum Full View Section
- Pass Door
- Keyed Lock

### Optional Exhaust Port (interior view)



### Pass Through Door ( Interior View )









716 in hunter green with full view section



712 in white with large TL lites

# COMMERCIAL 700 SERIES

1<sup>3</sup>/<sub>4</sub>" Thick R-16.18

710 / 712 / 714 / 716 / 732 / 733 /  
732-20 / 733-20 / 750 / 751 / 760 /  
764 / 770 / 773 / 780 / 790



## 700 Built to Last

Haas 700 Series commercial insulated steel doors stand up to the elements, while dramatically decreasing exterior noise and enhancing the overall aesthetics of your building at the same time.

The 1-3/4" thick 700 Series insulated steel doors help increase energy savings with polyurethane foam cores and are built to last.

INSULATED



716 in brown with full view section

# 700 QUICK GUIDE

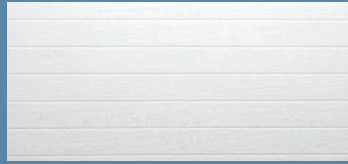
Model	Door Thickness	R-Value*	Max. Door Size		End Stile Type	Section Skins	
			Width	Height		Inside	Outside
710	1-3/4" (44.5mm)	16.18	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
712	1-3/4" (44.5mm)	16.18	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
714	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
716	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
732	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA Smooth Steel
733	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA V-Groove Smooth Steel
732-20	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA Smooth Steel
733-20	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA V-Groove Smooth Steel
750	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA V-Groove Stucco Aluminum
751	1-3/4" (44.5mm)	16.18	38'-2"	32'-0"	Steel	24 GA V-Groove Stucco Aluminum	24 GA Flush Stucco Aluminum
760	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Carriage House Panel Woodgrain Steel
764	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Long Carriage House Panel Woodgrain Steel
770	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ranch Panel Woodgrain Steel
773	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Ranch Panel Woodgrain Steel
780	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Raised Panel Woodgrain Steel
790	1-3/4" (44.5mm)	16.18	24'-2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Sculptured Panel Woodgrain Steel



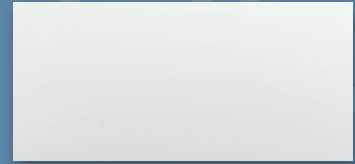
# DOOR PANELS



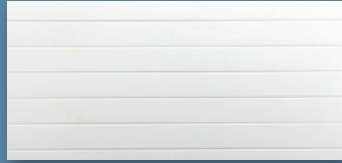
**710, 714 Flush Woodgrain**  
All Colors  
Window Options for 710: p30-32  
Window Options for 714: p31



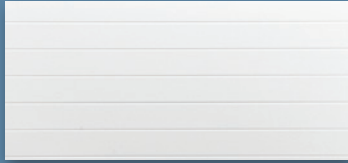
**712, 716 V-Groove Woodgrain**  
All Colors  
Window Options: p31 (bottom)



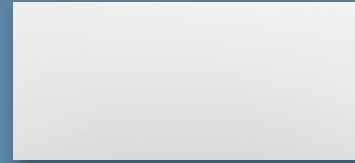
**732, 732-20 Flush Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



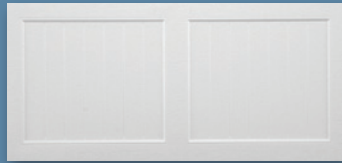
**733, 733-20 V-Groove Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



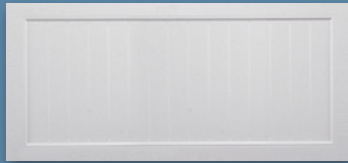
**750 V-Groove Stucco Aluminum**  
Polar White  
Window Options: p31 (bottom)



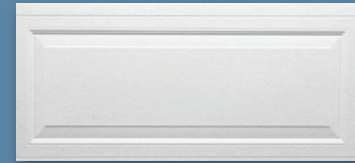
**751 Flush Stucco Aluminum**  
Polar White  
Window Options: p31 (bottom)



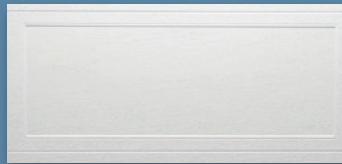
**760 Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**764 Long Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**770 Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32



**773 Recessed Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32

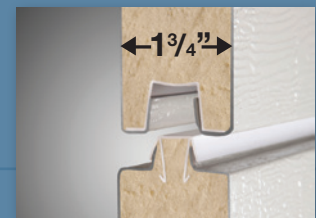


**780 Raised Panel Woodgrain Panel**  
All Colors  
Window Options: p 30



**790 Sculptured Raised Woodgrain Panel**  
All Colors  
Window Options: p 30

A Full Thermal Break is used in the tongue-and-groove construction of all 700 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



# OPTIONS

## 700 Series Available Options

- 2" or 3" Track
- Double Steel End Stiles
- Exhaust Port
- Cam Safety Device
- Spring Bumpers
- Chain Hoist
- High Cycle Springs
- Wind Load Rating
- Glazing (lites)
- High Cycle Rollers
- Aluminum Full View Section Pass Door
- Top Header Seal
- Keyed Lock

### Optional Exhaust Port (interior view)



### Pass Through Door ( exterior view )









612 in white with small TL lites



616 field finished in custom red

# COMMERCIAL 600 SERIES

1<sup>3</sup>/<sub>8</sub>" Thick

R-13.45

610 / 612 / 614 / 616 / 632 / 633 /  
660 / 664 / 670 / 673 / 680 / 690 /



## 600

### Strong, Efficient and Attractive

When your major considerations include energy efficiency, noise buffering and beauty, a Haas 600 Series commercial insulated steel door will far exceed your expectations. These CFC-free, polyurethane-foam-injected steel doors offer exceptional benefits for commercial applications, including durable strength, unique paint system and hard working hardware to withstand the harshest of elements.

INSULATED



660 in white with 6 pane windows, hinges and handles

# 600 QUICK GUIDE

Model	Door Thickness	R-Value*	Max. Door Size		End Style Type	Section Skins	
			Width	Height		Inside	Outside
610	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
612	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
614	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
616	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	26 GA V-Groove Woodgrain Steel	26 GA V-Groove Woodgrain Steel
632	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA Smooth Steel
633	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	26 GA V-Groove Woodgrain Steel	20 GA V-Groove Smooth Steel
632-20	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA Smooth Steel
633-20	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Steel	20 GA V-Groove Smooth Steel	20 GA V-Groove Smooth Steel
660	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Carriage House Panel Woodgrain Steel
664	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Long Carriage House Panel Woodgrain Steel
670	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ranch Panel Woodgrain Steel
673	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Ranch Panel Woodgrain Steel
680	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Raised Panel Woodgrain Steel
690	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Sculptured Panel Woodgrain Steel

\*calculated R-Value



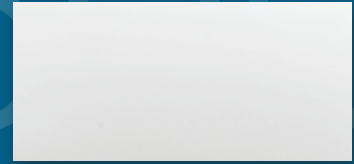
# DOOR PANELS



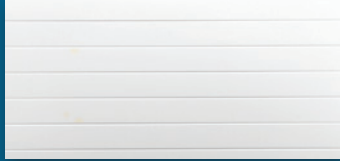
**610, 614 Flush Woodgrain**  
All Colors  
Window Options for 610: p30-32  
Window Options for 614: p31



**612, 616 V-Groove Woodgrain**  
All Colors  
Window Options: p31 (bottom)



**632 Flush Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



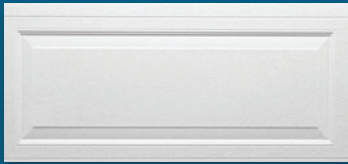
**633 V-Groove Smooth**  
Polar White and Brown  
Window Options: p31 (bottom)



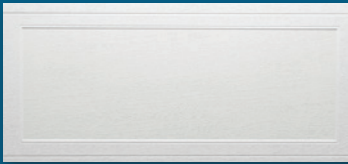
**660 Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**664 Long Carriage House Woodgrain Panel**  
All Colors  
Window Options: p 31



**670 Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32



**673 Recessed Ranch Woodgrain Panel**  
All Colors  
Window Options: p 32

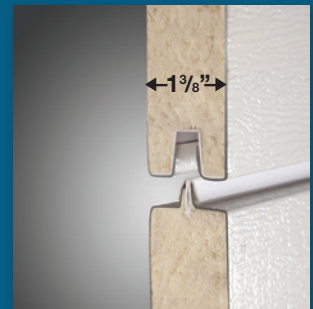


**680 Raised Panel Woodgrain Panel**  
All Colors  
Window Options: p 30



**690 Sculptured Raised Woodgrain Panel**  
All Colors  
Window Options: p 30

A Full Thermal Break is used in the tongue-and-groove construction of all 600 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



# OPTIONS

## 600 Series Available Options

- 2" or 3" Track
- Double Steel End Stiles
- Exhaust Port
- Cam Safety Device
- Spring Bumpers
- Chain Hoist
- High Cycle Springs
- Wind Load Rating
- Glazing (lites)
- High Cycle Rollers
- Keyed Lock

### Optional Exhaust Port (interior view)









C2411 in sandstone



C2411 in sandstone

# COMMERCIAL RIBBED STEEL

2" Thick

Optional Insulation

C2011L / C2011S / C2411 / C2470 / C2480 / C2411L / C2470L / C2480L / C2411S / C2480S / C2460 / C2460L / C2511 / C2511L / C2511S



## Strength and Value

The Haas Commercial Ribbed Steel Series doors are a value-based product that offers the strength of steel in four panel and color choices. Energy efficient insulation panels are an upgradable option available on all models. Ribbed steel doors are the ideal choice when economy is the prime consideration but a high quality, beautifully crafted product is still a necessity.

# COLOR OPTIONS



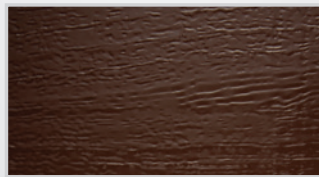
Polar White



Almond



Sandstone



Brown

# OPTIONS

## Ribbed Steel Available Options

- 2" or 3" Track
- Double Steel End Stiles
- Exhaust Port
- Cam Safety Device
- Spring Bumpers
- Chain Hoist
- High Cycle Springs
- Wind Load Rating
- Glazing (lites)
- High Cycle Rollers
- Aluminum Full View Section
- Keyed Lock

Optional Exhaust Port (interior view)



C2511 in white with large lites



C2411 in sandstone



# DOOR PANELS



## Smooth Ribbed Steel

Models C2011, C2011L, C2011S, C2511, C2511L, C2511S

White Only

Models C2411, C2411L, C2411S

White, Brown, Sandstone

Window Options: p 31

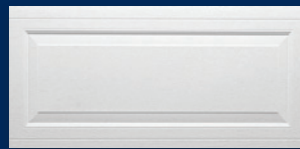


## Carriage House Woodgrain Panel

Models C2460/C2460L

White, Brown, Sandstone, Almond

Window Options: p 31



## Ranch Woodgrain Panel

Models C2470, C2470L

White, Brown, Sandstone, Almond

Window Options: p 31



## Raised Woodgrain Panel

Models C2480, C2480L, C2480S

White, Brown, Sandstone, Almond

Window Options: p 30

# RIBBED STEEL QUICK GUIDE

Model	Door Thickness	R-Value*	Max. Door Size		End Stile Type	Section Skins		Insulation Type
			Width	Height		Inside	Outside	
C2011	2"	N/A	30'-2"	20'-0"	Boxed Steel	N/A	20 GA Ribbed Steel	None
C2011L	2"	7.45	30'-2"	20'-0"	Boxed Steel	Laminate Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels
C2011S	2"	7.45	24'-2"	20'-0"	Boxed Steel	Steel Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels
C2411	2"	N/A	30'-2"	20'-0"	Boxed Steel	N/A	24 GA Ribbed Steel	None
C2470	2"	N/A	18'-2"	16'-0"	Boxed Steel	N/A	24 GA Ranch Panel Woodgrain Steel	None
C2480	2"	N/A	24'-2"	16'-0"	Boxed Steel	N/A	24 GA Raised Panel Woodgrain Steel	None
C2411L	2"	7.45	30'-2"	20'-0"	Boxed Steel	Laminate Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels
C2470L	2"	7.45	18'-2"	16'-0"	Boxed Steel	Laminate Backer	24 GA Ranch Panel Woodgrain Steel	Inserted Polystyrene Panels
C2480L	2"	7.45	24'-2"	16'-0"	Boxed Steel	Laminate Backer	24 GA Raised Panel Woodgrain Steel	Inserted Polystyrene Panels
C2411S	2"	7.45	24'-2"	18'-0"	Boxed Steel	Steel Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels
C2480S	2"	7.45	24'-2"	18'-0"	Boxed Steel	Steel Backer	24 GA Raised Panel Woodgrain Steel	Inserted Polystyrene Panels
C2460	2"	N/A	18'-2"	16'-0"	Boxed Steel	N/A	24 GA Carriage House Panel Woodgrain Steel	None
C2460L	2"	7.45	18'-2"	16'-0"	Boxed Steel	Laminate Backer	24 GA Carriage House Panel Woodgrain Steel	Inserted Polystyrene Panels
C2511	2"	N/A	16'-2"	16'-0"	Boxed Steel	N/A	24 GA Nominal Ribbed Steel	None
C2511L	2"	7.45	16'-2"	16'-0"	Boxed Steel	Laminate Backer	24 GA Nominal Ribbed Steel	Inserted Polystyrene Panels
C2511S	2"	7.45	16'-2"	16'-0"	Boxed Steel	Steel Backer	24 GA Nominal Ribbed Steel	Inserted Polystyrene Panels

\*calculated R-Value

## The Strength To Keep Out Noise And Weather

Haas commercial insulated doors stand up to the elements, while dramatically decreasing exterior noise and enhancing the overall aesthetics of your building at the same time. Choosing one of our insulated doors will help increase energy savings, as our CFC-free polyurethane provides one of the highest R values available in sectional doors.

Haas garage doors are made from steel that contains 80% recycled material. They are reinforced with roll-formed galvanized steel struts and double-end hinges, as required to meet wind load specifications and to comply with ANSI/DASM 102-2004. The protective coating system is found on both the interior and exterior steel.



## Weather Seal and Wind Load

A full-length, one-piece heavy vinyl bottom weather seal prevents infiltration of air, rain, snow and debris. The seal reduces impact shocks when the door is closed against concrete flooring.

Haas garage doors are available in a wide range of design pressures for wind load requirements. Contact your local Haas Door dealer for more information about wind load requirements in your area.



## Full Thermal Break

A full Thermal Break is used in the tongue-and-groove construction of all commercial insulated doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact between door sections, which limits the transfer of temperature. This also provides optimum water and wind resistance.



## CFC-Free Polyurethane Foam Construction

The polyurethane foam in a Haas garage door section is fully enclosed inside the steel skins. This design puts the insulation properties of polyurethane foam far ahead of polystyrene foam for performance and value.

Polyurethane foam is a two-part system. It begins with two chemical blends that when mixed together expand and cure to fill the garage door panel. During the expansion, the foam completely fills the inside of the panel and becomes fully adhered to the steel skins of the garage door panel to form a composite structure that is of exceptional strength and rigidity. Polyurethane foams are very stable when encapsulated inside a garage door section.



Insulating with polyurethane provides a superior product with higher insulation properties and a stronger unitized section.



## Unique Paint System

All Haas steel garage doors include a three-tier, corrosion-resistant protective paint system with a polyurethane primer and durable polyester finish coat on the interior and exterior. Haas Door's paint thickness is one of the highest in the industry and most insulated door models are available in 10 colors.



## Hard Working Hardware

The track is 2" or 3" galvanized steel, depending on door size, with bracket mount for wood jambs or continuous reverse mounting for steel jambs. For angle-mount track, door widths are 2" wider than the opening. Track rollers are 2" or 3" case-hardened inner and outer steel races with 10-ball pre-lubricated bearings. Hinges, brackets, and reinforcing struts are hot-dipped galvanized steel. Fasteners are plated for maximum corrosion resistance. Counterbalancing springs are torsion type, computer calibrated to match door load. This provides a 10,000-cycle life at the minimum; optional spring wires can achieve 25,000, 50,000 and 100,000 cycle requirements. Springs are wound from oil-tempered wire and mounted on a continuous cross header tube or solid shaft, as determined by torque load.



Contact one of our professional dealers for information on additional options, including: exterior cylinder locks, chain hoist operation, safety bottom brackets, and special lift clearance tracks (high lift, vertical lift, low headroom, and those that follow the roof line).



Optional Aluminum Full View sections on the 2000 & 700 Series provide maximum light and visibility with available insulated glazing. Full view sections are available in 7 colors.

Custom pass through doors are also available on the 2000 & 700 Series.



## Commercial Insulated Quick Reference

Series	Thickness	R-Value*
800	3"	25.8
2000	2"	17.66
700	1 <sup>3</sup> / <sub>4</sub> "	16.18
600	1 <sup>3</sup> / <sub>8</sub> "	13.45

\*calculated R-Value

# WINDOW OPTIONS

## Standard Series

Models **C2480, C2480S, C2480L**  
1/8" DSB, 1/8" DSB Frosted

Models **610, 680, 690, 710, 780, 790**  
1/8" DSB, 1/8" DSB Frosted  
1/2" Insulated, 1/2" Insulated Frosted

Models **2010, 2080, 2090**  
1/2" Insulated, 1/2" Insulated Frosted



Cascade



Cathedral



Colonial



St. Edward

Note: Interior dividers inside the glass are white only



Plain



Prairie



Sherwood



Sunburst



Sunset



Sunset



# Carriage House Series

Models **C2460, C2460L**

1/8" Tempered, 1/8" Tempered Frosted

Models **610, 660, 664, 710, 760, 764**

1/8" Tempered, 1/8" Tempered Frosted  
1/2" Insulated, 1/2" Insulated Frosted

Models **2010, 2060, 2064**

1/2" Insulated, 1/2" Insulated Frosted



3-Pane



3-Pane Single Arch



3-Pane Double Arch



6-Pane



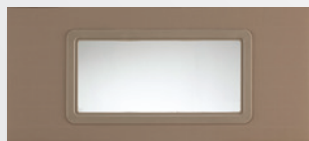
6-Pane Single Arch



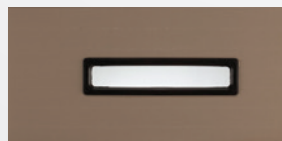
6-Pane Double Arch

## TL Lites

Models **610, 612, 614, 616, 632, 633, 710, 712, 714, 716, 732, 733, 750, 751, 814, 816, 832, 833, 850, 851, 2010, 2012, 2014, 2016, 2032, 2033, 2050, 2051**  
1/2" insulated



TL Lite 25" x 12"  
(25"x11" viewable)  
Frame matches door color



Small TL Lite 24" x 6"  
(21 1/2" x 2 7/8" viewable)  
Black frame only

## Commercial Ribbed Steel Lites

Models **C2011, C2411, C2511**  
1/8" DSB

Models **C2011L, C2011S, C2511L, C2511S, C2411L, C2411S**  
1/2" insulated



24" x 6"  
(21 1/2" x 3 1/4" viewable)  
Black frame only



24" x 12"  
(24 7/8" x 10 7/8" viewable)  
Black frame only

# WINDOW OPTIONS

## Ranch Series

Models **610, 670, 673, 710, 770, 773**

1/8" Tempered, 1/8" Tempered Frosted

1/2" Insulated, 1/2" Insulated Frosted

Models **2010, 2070, 2073**

1/2" Insulated

1/2" Insulated Frosted

Models **C2470, C2470L**

1/8" Tempered

1/8" Tempered Frosted



Cascade



Cathedral



Colonial



Plain



Prairie



Sherwood



Sunburst



Sunset



# COLOR OPTIONS

## Standard Colors

Due to the printing process, colors may vary. For the most accurate color match, see your Haas Door dealer for a metal color selector.



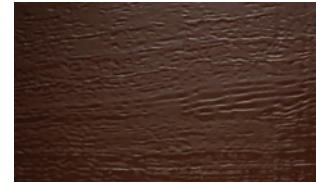
Polar White



Almond



Sandstone



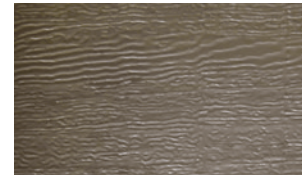
Brown



Gray



Sahara Tan



Bronze

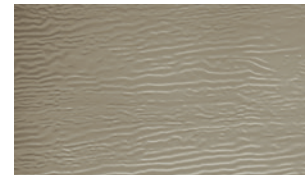


Hunter Green

## Premium Colors



Trinar® White\*



Trinar® Beige\*



Trinar® Brown\*



Cool Black\*\* (600 series only)

\*Trinar® colors carry a 35 year finish warranty, making them ideal for projects that require lasting durability and beauty.

\*\*Cool Black includes a cool chemistry paint finish but is not recommended for projects with extreme exposures to heat and light.

Model				Panel Type	Polar White	Almond	Sahara Tan	Sandstone	Brown	Hunter Green	Gray	Bronze	Trinar® White*	Trinar® Beige*	Trinar® Brown*	Cool Black**
	2010	710	610	Woodgrain Flush	•	•	•	•	•	•	•	•	•	•	•	•
	2012	712	612	V Groove	•	•	•	•	•	•	•	•	•	•	•	•
814	2014	714	614	Woodgrain Flush	•	•	•	•	•	•	•	•	•	•	•	•
816	2016	716	616	V Groove	•	•	•	•	•	•	•	•	•	•	•	•
832	2032	732	632	Smooth Flush	•				•							
833	2033	733	633	Smooth V Groove	•				•							
850	2050	750		Stucco V Groove	•											
851	2051	751		Stucco Flush	•											
	2060	760	660	Carriage House	•	•	•	•	•	•	•	•	•	•	•	•
	2064	764	664	Long Carriage House	•	•	•	•	•	•	•	•	•	•	•	•
	2070	770	670	Ranch	•	•	•	•	•	•	•	•	•	•	•	•
	2073	773	673	Recessed Ranch	•	•	•	•	•	•	•	•	•	•	•	•
	2080	780	680	Raised	•	•	•	•	•	•	•	•	•	•	•	•
	2090	790	690	Sculptured Raised	•	•	•	•	•	•	•	•	•	•	•	•
C2011	C2011L	C2011S		Smooth Ribbed	•											
C2511	C2511L	C2511S		Smooth Ribbed	•											
C2411	C2411L	C2411S		Smooth Ribbed	•			•	•							
C2460	C2460			Carriage House	•	•		•	•							
C2470	C2470L			Ranch	•	•		•	•							
C2480	C2480L	C2480S		Raised	•	•		•	•							

\* Trinar colors are available in 21" and 24" section heights only

\*\* Cool Black is only available in the 600 Series

# Haas Door is Committed to Quality.

As a member of the Door and Access Systems Manufacturers Association (DASMA), Haas Door is committed to industry standards for quality and safety. In addition to these guidelines, Haas Door has developed its own quality assurance procedures.

Each raw material used in the manufacturing process is inspected daily for quality assurance. Steel used on the inside and outside skins is checked for accuracy in thickness and finish. The insulation material, a high density CFC free polyurethane foam, is tested continuously on each production line to insure that the correct density, blend of material, cure time and calculated R-values are achieved.

Samples of manufactured doors are tested for quality and durability. Doors are cycled tens of thousands of times to test the performance and endurance of the sections, hinges, springs, cables, rollers, bottom seals, and track. Strength is measured using two separate tests. Individual sections are subjected to a dead load test and complete doors are wind load tested. This ensures that Haas garage doors will meet wind load requirements for building codes across the country.

Haas continues to perform testing outside of the manufacturing facility, as both prototype and current doors are installed in various locations and monitored for durability. External labs are also used to test specific components to ensure quality standards.

Quality people and quality products are what make Haas Door the best garage door manufacturer in the industry. Open the door to endless possibilities!







## Environmental Responsibility

Haas Door Company manufactures all garage doors in the U.S. and is committed to providing quality products that are safe for our customers and to the environment. Haas garage doors are made from steel that contains 80% recycled material. A plastic thermal break, made with recycled materials, separates each door section to eliminate metal-to-metal contact and the transfer of temperature. Haas also uses CFC-free polyurethane insulation, which results in some of the most energy-efficient doors on the market. Good for the environment, and saves energy!

Haas Door has also implemented an ongoing improvement plan to gain efficiency and reduce waste, including a recycling program for scrap metal, cardboard and plastic. Many suppliers are regional, which minimizes fuel costs and material packaging is reused or recycled whenever possible.



320 Sycamore  
Wauseon, OH  
43567

[haasdoor.com](http://haasdoor.com)

