Haas Door
A Nofziger Company

Commercial Product Line

Quality People. Quality Products.

Welcome to Haas Door, a family owned and operated company. 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.

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

haasdoor.com

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1¾" thick

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CA220 in black anodized

CA220 in painted bronze

CA110 in clear anodized

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 combining aluminum rails and stiles provides a strong-profiled frame 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

CA220 in white

CA220 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	24′-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 Upgradable to 4″ or 6″	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

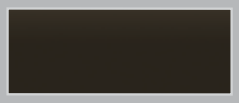
2" or 3" Track	Pass Door (220 only)	Chain Hoist
Exhaust Port(s)	High Cycle Springs	Top Header Seal
Cam Safety Device	Wind Load (220 only)	Car Wash Cutout
Spring Bumpers	High Cycle Rollers	Security Bars

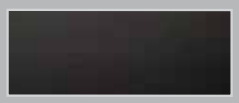
Pass Door (exterior view)

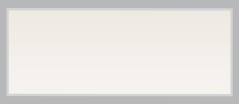
Optional Exhaust Port (interior view)

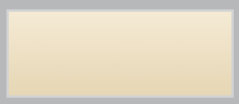
COLOR OPTIONS

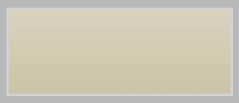
Clear Anodized

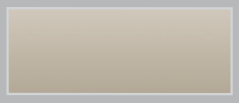

Dark Bronze Anodized

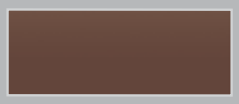

Black Anodized


Polar White


Almond

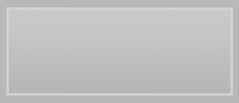

Sahara Tan


Sandstone

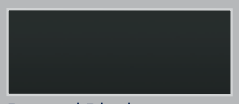

Brown

Hunter Green

Charcoal


Gray

Painted Bronze


Painted Black

Due to the printing process, colors may vary. For an accurate color match, contact your Haas Door dealer.

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

816 in bronze with large TL lites

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 is 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.

INSULATED 800

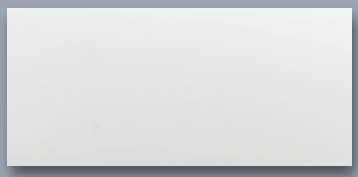
816 in Trinar® white

816 in white

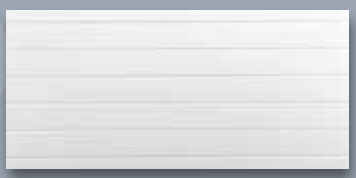
800 DOOR PANELS

Flush Woodgrain
All Colors except Cool Black
Model 814 Window Options: p 30

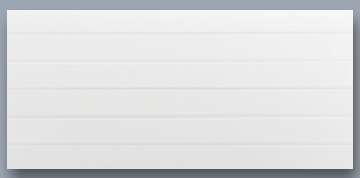
V-Groove Woodgrain
All Colors except Cool Black
Model 816 Window Options: p 30



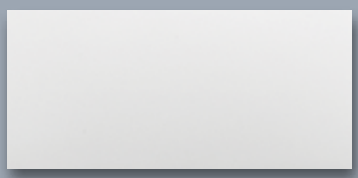
Flush Smooth
Polar White and Brown
Model 832 Window Options: p 30
Model 832-20 Window Options: p 30



V-Groove Smooth
Polar White and Brown
Model 833 Window Options: p 30
Model 833-20 Window Options: p 30



V-Groove Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 850 Window Options: p 30



Flush Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 851 Window Options: p 30

OPTIONS

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
*ASTM E 84 Fire Rated
**(No Air Filtration Seal on Fire Rated doors)*

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.

800 series doors include **Air Infiltration Seals**, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop. *(Available August 2017)*

800 QUICK GUIDE

Model	Door Thickness	R-Value*	Max. Door Size		End Stile 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 Flush 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 Flush 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

For detailed information about the construction of this series, see pages 26-27.

2016 in white

COMMERCIAL 2000 SERIES

2" Thick **R-17.66**

2010 / 2012 / 2014 / 2016 / 2032 / 2033 / 2032-20 / 2033-20 / 2050 / 2051 / 2060 / 2061 / 2063 / 2064 / 2070 / 2071 / 2072 / 2073 / 2074 / 2080 / 2081 / 2082 / 2090

2016 in bronze with full view lites

2016 in brown with pass door

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 insulating and dampening outside noise at the same time. 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.

2032 in white with large TL lites

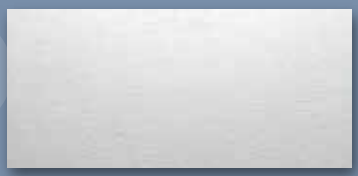
2000 QUICK GUIDE

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 Flush 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 Flush 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, 2072, 2082	2" (50.8mm)	17.66	24-'2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Short Panel Woodgrain Steel
2061, 2071, 2081	2" (50.8mm)	17.66	24-'2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Short Panel Woodgrain Steel
2063, 2073	2" (50.8mm)	17.66	18-'2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Long Panel Woodgrain Steel
2064, 2074	2" (50.8mm)	17.66	18-'2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Long 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
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

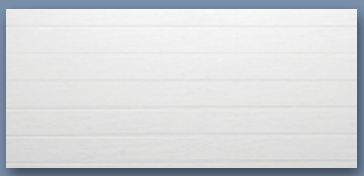
*calculated R-Value

Note: Certain weights and/or applications may limit the size allowed

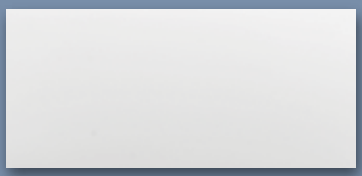
2000 DOOR PANELS



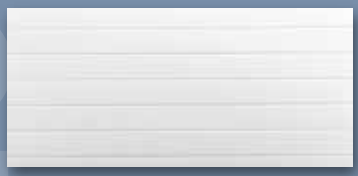
Flush Woodgrain
All Colors
Model 2010 Window Options: p 28-30
Model 2014 Window Options: p 30



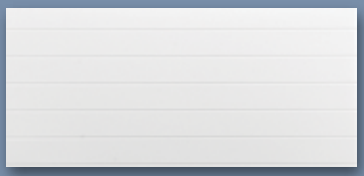
V-Groove Woodgrain
All Colors
Model 2012 Window Options: p 30
Model 2016 Window Options: p 30



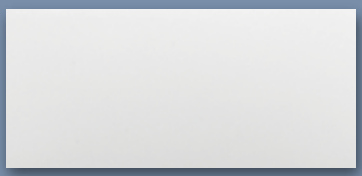
Flush Smooth
Polar White and Brown
Model 2032 Window Options: p 30
Model 2032-20 Window Options: p 30



V-Groove Smooth
Polar White and Brown
Model 2033 Window Options: p 32
Model 2033-20 Window Options: p 32



V-Groove Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 2050 Window Options: p 32

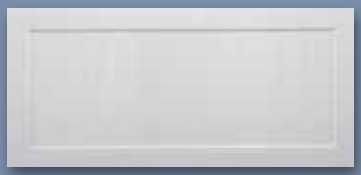


Flush Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 2051 Window Options: p 30

Ribbed Short Woodgrain Panel
All Colors
Model 2060 Window Options: p 29
Model 2072 Window Options: p 30
Model 2082 Window Options: p 28

Recessed Short Woodgrain Panel
All Colors
Model 2061 Window Options: p 29
Model 2071 Window Options: p 30
Model 2081 Window Options: p 28

Recessed Long Woodgrain Panel
All Colors
Model 2063 Window Options: p 29
Model 2073 Window Options: p 30



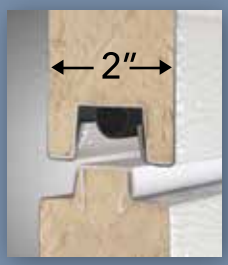
Ribbed Long Woodgrain Panel
All Colors
Model 2064 Window Options: p 29
Model 2074 Window Options: p 30

Ranch Woodgrain Panel
All Colors
Model 2070 Window Options: p 30

Raised Standard Woodgrain Panel
All Colors
Model 2080 Window Options: p 28

Sculptured Raised Woodgrain Panel
All Colors
Model 2090 Window Options: p 28

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.



2000 series doors include **Air Infiltration Seals**, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.

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
*ASTM E 84 Fire Rated

**(No Air Filtration Seal on Fire Rated doors)*

Optional Exhaust Port (interior view)

Pass Door (interior view)

For detailed information about the construction of this series, see pages 26-27.

716 in bronze

716 in hunter green with full view section

COMMERCIAL 700 SERIES

1¾" Thick **R-16.18**

710 / 712 / 714 / 716 / 732 / 733 / 732-20 / 733-20 / 750 / 751 / 760 / 763 / 764 / 770 / 771 / 772 / 773 / 774 / 780 / 781 / 782 / 790

INSULATED 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 1¾" thick 700 Series insulated steel doors help increase energy savings with polyurethane foam cores and are built to last.

716 in brown with full view section

716 with pass door

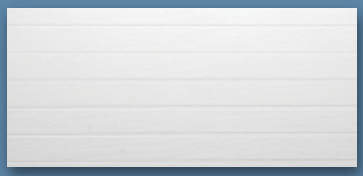
700 QUICK GUIDE

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 Flush 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 Flush 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, 772, 782	1-3/4" (44.5mm)	16.18	24-'2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Short Panel Woodgrain Steel
761, 771, 781	1-3/4" (44.5mm)	16.18	24-'2"	32'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Short Panel Woodgrain Steel
763, 773	1-3/4" (44.5mm)	16.18	18-'2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Long Panel Woodgrain Steel
764, 774	1-3/4" (44.5mm)	16.18	18-'2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Long 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
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

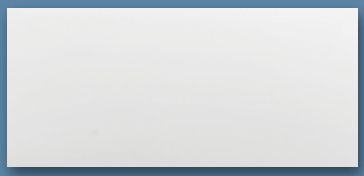
*calculated R-Value

Note: Certain weights and/or applications may limit the size allowed

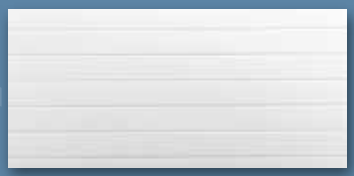
Flush Woodgrain
All Colors
Model 710 Window Options: p 28-30
Model 714 Window Options: p 29



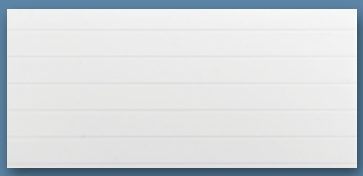
V-Groove Woodgrain
All Colors
Model 712 Window Options: p 30
Model 716 Window Options: p 30



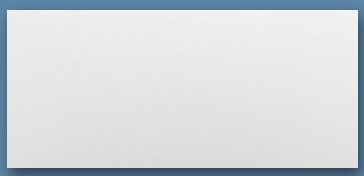
Flush Smooth
Polar White and Brown
Model 732 Window Options: p 30
Model 732-20 Window Options: p 30



V-Groove Smooth
Polar White and Brown
Model 733 Window Options: p 30
Model 733-20 Window Options: p 30

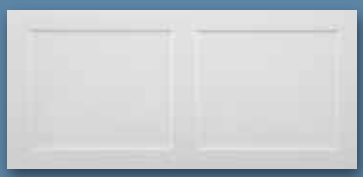


V-Groove Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 750 Window Options: p 30

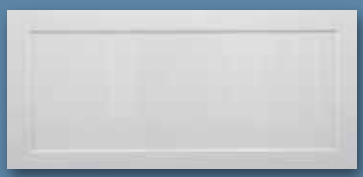


Flush Stucco Aluminum
Trinar® Polar White and Trinar® Almond
Model 751 Window Options: p 30

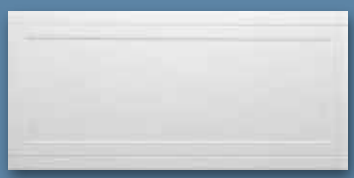
Ribbed Short Woodgrain Panel
All Colors
Model 760 Window Options: p 29
Model 772 Window Options: p 30
Model 782 Window Options: p 28



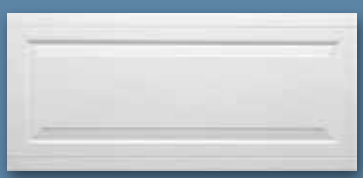
Recessed Short Woodgrain Panel
All Colors
Model 761 Window Options: p 29
Model 771 Window Options: p 30
Model 781 Window Options: p 28



Ribbed Long Woodgrain Panel
All Colors
Model 764 Window Options: p 29
Model 774 Window Options: p 30



Recessed Long Woodgrain Panel
All Colors
Model 763 Window Options: p 29
Model 773 Window Options: p 30

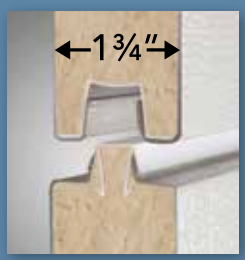


Ranch Woodgrain Panel
All Colors
Model 770 Window Options: p 30

Raised Standard Woodgrain Panel
All Colors
Model 780 Window Options: p 28

Sculptured Raised Woodgrain Panel
All Colors
Model 790 Window Options: p 28

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
ASTM E 84 Fire Rated

Optional Exhaust Port (interior view)

Pass Door (exterior view)

For detailed information about the construction of this series, see pages 26-27.

612 in hunter green

COMMERCIAL 600 SERIES

1 3/8" Thick **R-13.45**

610 / 612 / 614 / 616 / 632 / 632-20 / 633 / 633-20 / 660 / 661 / 663 / 664 / 670 / 671 / 672 / 673 / 674 / 680 / 681 / 682 / 690

610 in sahara tan

614 in charcoal

INSULATED

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.

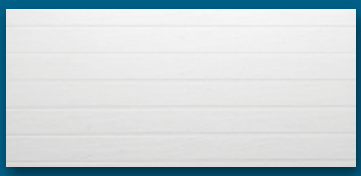
612 in white with small TL lites

600 QUICK GUIDE

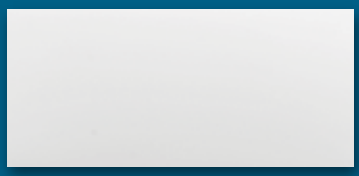
Model	Door Thickness	R-Value*	Max. Door Size		End Stile Type	Section Skins	
			Width	Height		Inside	Outside
610	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Flush Woodgrain Steel
612	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain 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 Flush 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 Flush 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, 672, 682	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Short Panel Woodgrain Steel
661, 671, 681	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Short Panel Woodgrain Steel
663, 673	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Recessed Long Panel Woodgrain Steel
664, 674	1-3/8" (34.9mm)	13.45	18'-2"	16'-0"	Extruded End Cap	26 GA V-Groove Woodgrain Steel	26 GA Ribbed Long Panel 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
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

Flush Woodgrain
All Colors
Model 610 Window Options: p 28-30
Model 614 Window Options: p 30



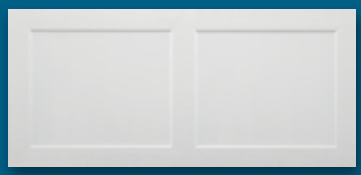
V-Groove Woodgrain
All Colors
Model 612 Window Options: p 30
Model 616 Window Options: p 30



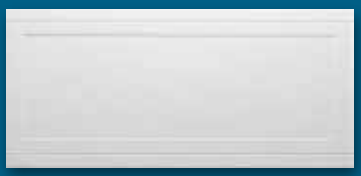
Flush Smooth
Polar White and Brown
Model 632 Window Options: p 30
Model 632-20 Window Options: p 30

V-Groove Smooth
Polar White and Brown
Model 633 Window Options: p 30
Model 633-20 Window Options: p 30

Ribbed Short Woodgrain Panel
All Colors
Model 660 Window Options: p 29
Model 672 Window Options: p 30
Model 682 Window Options: p 28



Recessed Short Woodgrain Panel
All Colors
Model 661 Window Options: p 29
Model 671 Window Options: p 30
Model 681 Window Options: p 28



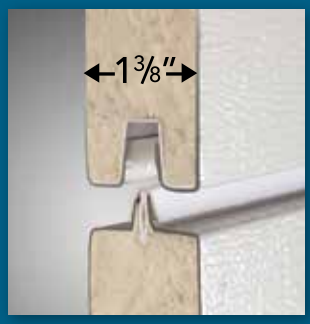
Recessed Long Woodgrain Panel
All Colors
Model 663 Window Options: p 29
Model 673 Window Options: p 30

Ribbed Long Woodgrain Panel
All Colors
Model 664 Window Options: p 29
Model 674 Window Options: p 30

Ranch Woodgrain Panel
All Colors
Model 670 Window Options: p 30

Raised Standard Woodgrain Panel
All Colors
Model 680 Window Options: p 28

Sculptured Raised Woodgrain Panel
All Colors
Model 690 Window Options: p 28



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
ASTM E 84 Fire Rated

Optional Exhaust Port (interior view)

For detailed information about the construction of this series, see pages 26-27.

C2015 in white

C2411 in sandstone

C2411 in sandstone

COMMERCIAL RIBBED STEEL

2" Thick Optional Insulation

C2011 / C2011L / C2011S / C2015 / C2015L / C2015S / C2411 / C2411L / C2411S / C2415 / C2415L / C2415S / C2460 / C2460L / C2461 / C2461L / C2470 / C2470L / C2471 / C2471L / C2472 / C2472L / C2480 / C2480L / C2480S / C2481 / C2481L / C2482 / C2482L / 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 styles and five color choices. All models offer the upgrade of adding energy-efficient insulation panels. 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

Sahara Tan

Sandstone

Brown

Note: Not all colors are available on all models. Consult page 25.

OPTIONS

Ribbed Steel Available Options

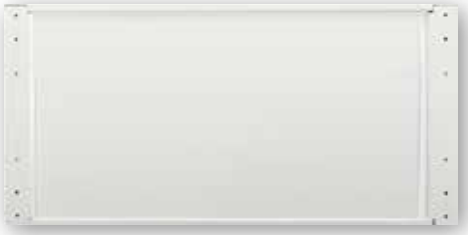
2″ or 3″ Track
Double Steel End Stiles
Exhaust Port
Cam Safety Device
Spring Bumpers
Chain Hoist
High Cycle Springs
Wind Load Rating
Glazing (lites)
High Cycle Rollers
Aluminum Full View Section
Keyed Lock

Non-Insulated - inside view

Insulated Laminate Back (L) - inside view

Optional Exhaust Port (interior view)

Insulated Steel Back (S) - inside view



C2011 in white with full view section

C2511 in white with large lites

DOOR PANELS

Smooth Ribbed Steel
White Only
Models C2011, C2011L, C2011S, C2015, C2015L, C2015S, C2511, C2511L, C2511S
Window Options: p 30
White, Brown, Sandstone
Models C2411, C2411L, C2411S, C2415, C2415L, C2415S
Window Options: p 30

Recessed Short Ribbed Woodgrain Panel
White, Brown, Sandstone, Almond, Sahara Tan
(not available in 18" sections)
Models C2460, C2460L
Window Options: p 29
Models C2472, C2472L
Window Options: p 30
Models C2482, C2482L
Window Options: p 28

Recessed Short Woodgrain Panel
White, Brown, Sandstone, Almond, Sahara Tan
(not available in 18" sections)
Models C2461, C2461L
Window Options: p 29
Models C2471, C2471L
Window Options: p 30
Models C2481, C2481L
Window Options: p 28

Ranch Woodgrain Panel
White, Brown, Sandstone, Almond, Sahara Tan
Models C2470, C2470L
Window Options: p 30

Raised Woodgrain Panel
White, Brown, Sandstone, Almond, Sahara Tan
Models C2480, C2480L, C2480S
Window Options: p 28

RIBBED STEEL QUICK GUIDE

Model	Door Thickness	R-Value*	Max. Door Size		End Stile Type	Section Skins		Insulation Type	Stile GA
			Width	Height		Inside	Outside		
C2011	2"	N/A	30'-2"	20'-0"	C-Shaped Steel	N/A	20 GA Ribbed Steel	None	18
C2011L	2"	7.45	30'-2"	20'-0"	C-Shaped Steel	Laminate Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels	18
C2011S	2"	7.45	24'2"	20'-0"	C-Shaped Steel	Steel Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels	18
C2015	2"	N/A	30'-2"	20'-0"	C-Shaped Steel	N/A	20 GA Ribbed Steel	None	16
C2015L	2"	7.45	30'-2"	20'-0"	C-Shaped Steel	Laminate Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels	16
C2015S	2"	7.45	24'-2"	20'-0"	C-Shaped Steel	Steel Backer	20 GA Ribbed Steel	Inserted Polystyrene Panels	16
C2411	2"	N/A	30'-2"	20'-0"	C-Shaped Steel	N/A	24 GA Ribbed Steel	None	18
C2411L	2"	7.45	30'-2"	20'-0"	C-Shaped Steel	Laminate Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels	18
C2411S	2"	7.45	24'-2"	20'-0"	C-Shaped Steel	Steel Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels	18
C2415	2"	7.45	30'-2"	20'-0"	C-Shaped Steel	N/A	24 GA Ribbed Steel	None	16
C2415L	2"	7.45	30'-2"	20'-0"	C-Shaped Steel	Laminate Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels	16
C2415S	2"	7.45	24'-2"	20'-0"	C-Shaped Steel	Steel Backer	24 GA Ribbed Steel	Inserted Polystyrene Panels	16
C2470	2"	N/A	18'-2"	16'-0"	C-Shaped Steel	N/A	24 GA Ranch Panel Woodgrain Steel	None	18
C2470L	2"	7.45	18'-2"	16'-0"	C-Shaped Steel	Laminate Backer	24 GA Ranch Panel Woodgrain Steel	Inserted Polystyrene Panels	18
C2480	2"	N/A	24'-2"	16'-0"	C-Shaped Steel	N/A	24 GA Raised Panel Woodgrain Steel	None	18
C2480L	2"	7.45	24'-2"	16'-0"	C-Shaped Steel	Laminate Backer	24 GA Raised Panel Woodgrain Steel	Inserted Polystyrene Panels	18
C2480S	2"	7.45	24'-2"	16'-0"	C-Shaped Steel	Steel Backer	24 GA Raised Panel Woodgrain Steel	Inserted Polystyrene Panels	18
C2460, C2472, C2482	2"	N/A	18'-2"	16'-0"	C-Shaped Steel	N/A	24 GA Ribbed Short Panel Woodgrain Steel	None	18
C2460L, C2472L, C2482L	2"	7.45	18'-2"	16'-0"	C-Shaped Steel	Laminate Backer	24 GA Ribbed Short Panel Woodgrain Steel	Inserted Polystyrene Panels	18
C2461, C2471, C2481	2"	7.45	18'-2"	16'-0"	C-Shaped Steel	N/A	24 GA Recessed Short Steel	Inserted Polystyrene Panels	18
C2461L, C2471L, C2481L	2"	7.45	18'-2"	16'-0"	C-Shaped Steel	Laminate Backer	24 GA Recessed Short Steel	Inserted Polystyrene Panels	18
C2511	2"	N/A	16'-2"	16'-0"	C-Shaped Steel	N/A	24 GA Nominal Ribbed Steel	None	18
C2511L	2"	7.45	16'-2"	16'-0"	C-Shaped Steel	Laminate Backer	24 GA Nominal Ribbed Steel	Inserted Polystyrene Panels	18
C2511S	2"	7.45	16'-2"	16'-0"	C-Shaped Steel	Steel Backer	24 GA Nominal Ribbed Steel	Inserted Polystyrene Panels	18

*calculated R-Value

INSULATED PRODUCT DETAILS 800, 2000, 700, 600 Series

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.

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.

Commercial Insulated Quick Reference

Series	Thickness	R-Value*
800	3″	25.8
2000	2″	17.66
700	1-3/4″	16.18
600	1-3/8″	13.45

*calculated R-Value

Air Infiltration Seal

800 and 2000 series doors include Air Infiltration Seals, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.

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.

Weather Seal

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.

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 13 colors.

Hard Working Hardware

Haas 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).

Full View

Optional Aluminum Full View sections on the 2000 Series, 700 Series and Commercial Ribbed Steel provide maximum light and visibility with available insulated glazing. Full view sections for the 2000 & 700 Series are available in 13 colors. Full view sections for Commercial Ribbed Steel are available in 5 colors.

The E-Strut® and Wind Load

The E-Strut is the next generation of strut design. Conceived, developed and manufactured by Haas Door, testing has proven the E-Strut to outperform traditional struts. This patented design is used on all Haas Door products.

The innovative E-Strut is intelligently designed to require half as many tek screws as u-bars and struts currently in use. This means less time attaching struts in the field for installers and a savings in labor expense for our dealers.

E-Struts are available in 2 inch, 3 inch, 4 inch and 6 inch widths and come standard in a galvanized finish. The 4 inch and 6 inch sizes do not require hinge straps.

Haas Door products 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.

MIAMI-DADE COUNTY APPROVED

Florida Building Code Approved

Organization #PD10235

Pass Door

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

Standard Series

Models 610, 680, 681, 682, 690, 710, 780, 781, 782, 790
1/8" DSB, 1/8" DSB Frosted
1/2" Insulated, 1/2" Insulated Frosted

Models 2010, 2080, 2081, 2082, 2090
1/2" Insulated, 1/2" Insulated Frosted

Models C2480, C2480S, C2480L, C2481, C2481L, C2482, C2482L
1/8" DSB, 1/8" DSB Frosted

Cascade

Cathedral

Colonial

St. Edward

Note: Interior dividers are only available in sandstone and white.

Plain

Prairie

Sherwood

Sunburst

Sunset

Sunset

Carriage House Series (not available in 18" sections)

Models 610, 660, 661, 663, 664, 710, 760, 761, 763, 764
1/8" Tempered, 1/8" Tempered Frosted
1/2" Insulated, 1/2" Insulated Frosted

Models 2010, 2060, 2061, 2063, 2064
3/4" Insulated, 3/4" Insulated Frosted

Models C2460, C2460L, C2461, C2461L
1/8" Tempered, 1/8" Tempered Frosted

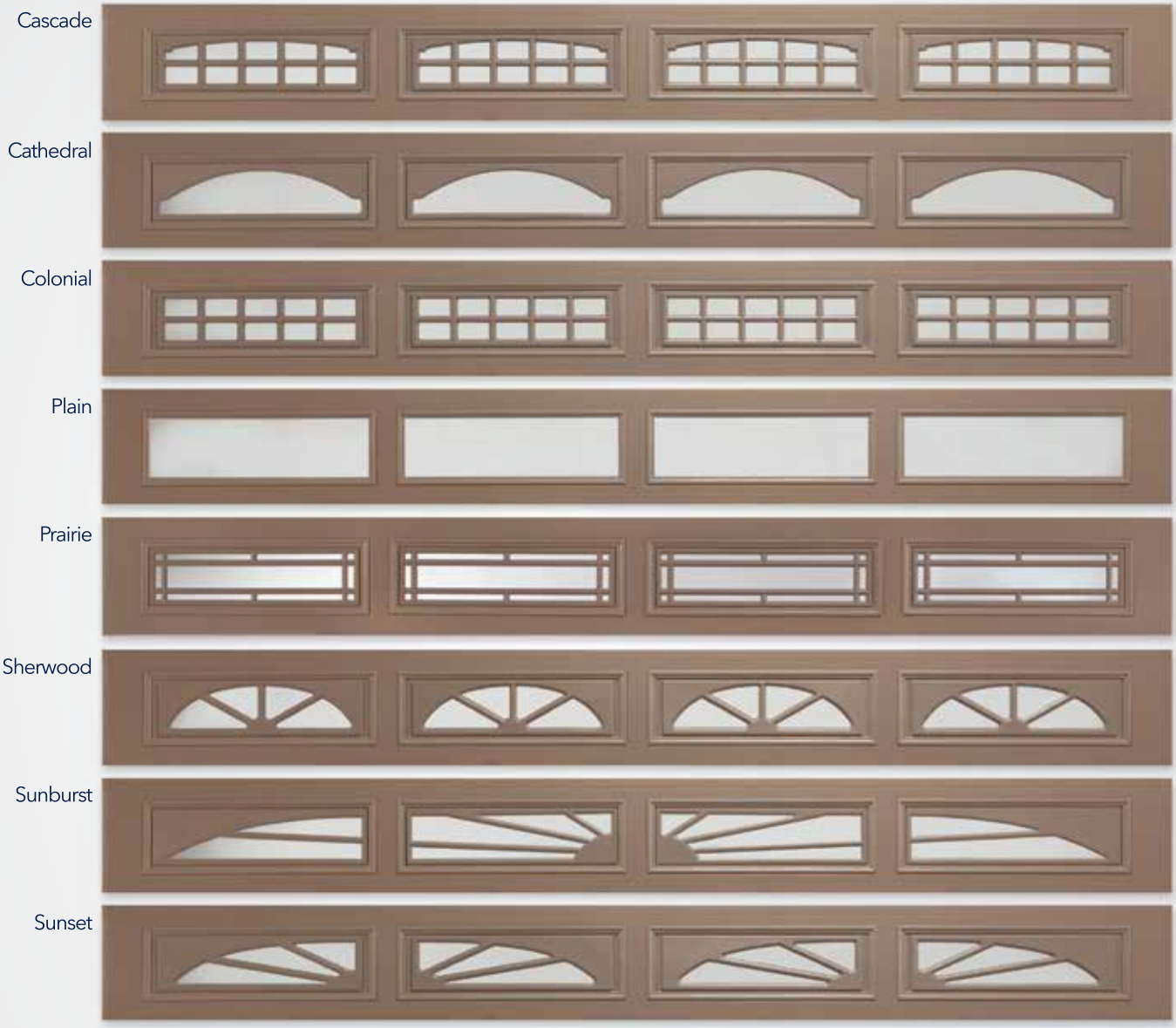
WINDOW OPTIONS

Ranch Series

Models 610, 670, 671, 672, 673, 674, 710, 770, 771, 772, 773, 774
1/8" Tempered, 1/8" Tempered Frosted
1/2" Insulated, 1/2" Insulated Frosted

Models 2010, 2070, 2071, 2072, 2073, 2074
1/2" Insulated, 1/2" Insulated Frosted

Models C2470, C2470L, C2471, C2471L, C2472, C2472L
1/8" Tempered, 1/8" Tempered Frosted



TL Lites

Models 610, 612, 614, 616, 632, 633, 710, 712, 714, 716, 732, 732-20, 733, 733-20, 750, 751, 814, 816, 832, 832-20, 833, 833-20, 850, 851
1/2" insulated
Models 2010, 2012, 2014, 2016, 2032, 2032-20, 2033, 2033-20, 2050, 2051
3/4" insulated

TL Lite 25" x 12"
(24 7/8" x 10 7/8" viewable)
Frame matches door color

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

Commercial Ribbed Steel Lites

Models C2011, C2015, C2411, C2415, C2511
1/8" tempered
Models C2011L, C2011S, C2015L, C2015S, C2415L, C2415S, C2511L, C2511S, C2411L, C2411S
3/4" insulated

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

24" x 12"
(21 1/2" x 9 1/2" viewable)
Black frame only

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

Charcoal

Premium Colors

Trinar® White*

Trinar® Beige*

Trinar® Brown*

Cool Black**

*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 expostures to heat and light.

	Model				Panel Type	Lites	Polar White	Almond	Sahara Tan	Sand-stone	Brown	Hunter Green	Gray	Bronze	Trinar® White	Trinar® Beige	Trinar® Brown	Cool Black	Charcoal
Insulated Models		2010	710	610	Woodgrain Flush	All	•	•	•	•	•	•	•	•	•	•	•	•	•
		2012	712	612	V Groove	TL	•	•	•	•	•	•	•	•	•	•	•	•	•
	814	2014	714	614	Woodgrain Flush	TL	•	•	•	•	•	•	•	•	•	•	•		•
	816	2016	716	616	V Groove	TL	•	•	•	•	•	•	•	•	•	•	•		•
	832	2032	732	632	Smooth Flush	TL	•				•								
	833	2033	733	633	Smooth V Groove	TL	•				•								
	850	2050	750		Stucco V Groove	TL	•	•											
	851	2051	751		Stucco Flush	TL	•	•											
		2060	760	660	Ribbed Short	Carriage	•	•	•	•	•	•	•	•	•	•	•	•	•
		2061	761	661	Recessed Short	Carriage	•	•	•	•	•	•	•	•	•	•	•	•	•
		2063	763	663	Recessed Long	Carriage	•	•	•	•	•	•	•	•	•	•	•	•	•
		2064	764	664	Ribbed Long	Carriage	•	•	•	•	•	•	•	•	•	•	•	•	•
		2070	770	670	Ranch	Ranch	•	•	•	•	•	•	•	•	•	•	•	•	•
		2071	771	671	Recessed Short	Ranch	•	•	•	•	•	•	•	•	•	•	•	•	•
		2072	772	672	Ribbed Short	Ranch	•	•	•	•	•	•	•	•	•	•	•	•	•
		2073	773	673	Recessed Long	Ranch	•	•	•	•	•	•	•	•	•	•	•	•	•
		2074	774	674	Ribbed Long	Ranch	•	•	•	•	•	•	•	•	•	•	•	•	•
		2080	780	680	Raised Standard	Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
		2081	781	681	Recessed Short	Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
		2082	782	682	Ribbed Short	Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
		2090	790	690	Sculptured Raised	Standard	•	•	•	•	•	•	•	•	•	•	•	•	•
Pan Models		C2011	C2015	C2511	Smooth Ribbed	Ribbed	•												
			C2411	C2415	Smooth Ribbed	Ribbed	•			•	•								
			C2460	C2560	Ribbed Short	Carriage	•	•	•	•	•								
			C2461	C2561	Recessed Short	Carriage	•	•	•	•	•								
			C2470	C2570	Ranch	Ranch	•	•	•	•	•								
			C2471	C2571	Recessed Short	Ranch	•	•	•	•	•								
			C2472	C2572	Ribbed Short	Ranch	•	•	•	•	•								
			C2480	C2580	Raised Standard	Standard	•	•	•	•	•								
			C2481	C2581	Recessed Short	Standard	•	•	•	•	•								
			C2482	C2582	Ribbed Short	Standard	•	•	•	•	•								

Haas Door is Committed to Quality.

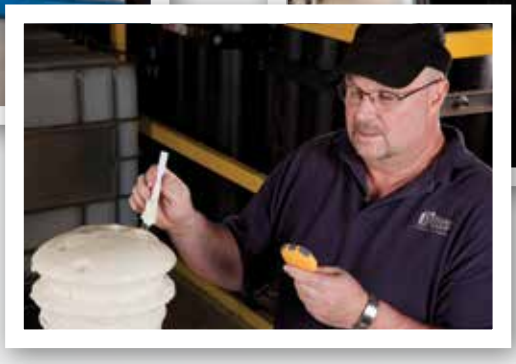
As a member of the Door and Access Systems Manufacturers Association (DASMA), Haas Door is committed to industry standards for quality and safety. In addition to these guidelines, Haas Door has developed its own quality assurance procedures.

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 ensure 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.

Haas Door®
A Nofziger Company

Rev. 2.0
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Wauseon, OH 43567

haasdoor.com

Family Owned &
Manufactured in the USA

open the door to
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