Insulated Sandwich Doors

WANT TO SEE MORE?
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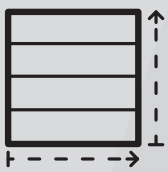
3216 shown brown with optional clear anodized full-view aluminum window sections.

DURABLE, THERMALLY-EFFICIENT DOORS.

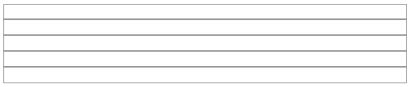
Regardless of your specific application, C.H.I. offers a premium insulated door product guaranteed to deliver years of dependable operation. Our sandwich models are constructed in a variety of gauges and are available in both polyurethane and polystyrene insulation options for those applications that demand the best in thermal efficiency and value. And, if you're looking to enhance your buildings aesthetics, our sandwich doors are available powdercoated in over 188 different colors!



BEST MARKET USES

Conditioned Commercial Buildings • Fire/Ambulance Stations • Warehouse & Manufacturing Facilities • Heated/Cooled Agricultural Buildings • Truck Terminals

EXTERIOR PANEL PROFILES



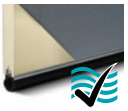
Micro-grooved. Features four evenly spaced micro-grooves running horizontally across each woodgrain embossed section.

Flush. Flush doors have a woodgrain embossed skin and offer a clean appearance.

SECTION CONSTRUCTION

- Sections with polyurethane insulation include a thermal break eliminating thermal conduction.
- Concealed steel back-up plates run from top to bottom of each section for secure hardware attachment.
- Bottom “U” type astragal is a standard feature.
- White painted end stiles are 4” to 8” wide to accommodate double or single-end hinges.
- CFC, HFC, HCFC and PFA free and non-VOC polyurethane insulation. Foam to have zero Ozone Depletion Potential [ODP] and zero Global Warming Potential [GWP].
- Polystyrene insulation is CFC-free.
- 24”x6”, 24”x12”, or 34”x16” frames in matching colors to door exterior.
- 24”x12”black frames only available with 1/2” insulated polycarbonate.
- Full-View Aluminum window sections match sizes and panel layout of steel sections. Optional field glazing, 1/8” DSB, 1/8” polycarbonate, 1/8” tempered, 1/4” tempered, 1/2” insulated glass or 1/2” tempered insulated glass as required. Consult factory for additional glazing options.

Insulated Sandwich **Model Comparison Chart**

Model	3282	3285	3281	3286	3206	3216	3212	3217	3236
Exterior Panel Profile	Micro-Grooved		Flush		Micro-Grooved			Flush	Micro-Grooved
Section Thickness	2in.		2in.		1-1/2in.	2in.		2in.	3in.
Steel Gauge									
Exterior	24	26	24	26	27	26	20	26	26
Interior	27	27	27	27	27	27	27	27	27
Insulation Type	Polystyrene		Polystyrene		Polyurethane	Polyurethane		Polyurethane	Polyurethane
									
U-Factor[3] / R-Value[2]	R-10.29		R-10.29		**U-.19** / R-13.68	**U-.19** / R-17.54		**U-.19** / R-17.54	**U-.12** / R-26.89
Max Size	28’2” x 26’0”	28’2” x 28’0”	28’2” x 26’0”	28’2” x 28’0”	24’2” x 20’0”	40’2”x20’	20’2” x 24’0”	40’2”x20’	40’2” x 20’0”
Optional Features									
Colors[1]	White is available on all Models.								
Almond		•		•		•		•	
Sandstone		•		•		•		•	•
Brown		•		•		•		•	•
Gray		•		•		•		•	
Black		•		•	•	•		•	
Powder Coating[4]	188 Colors	188 Colors	188 Colors	188 Colors		188 Colors	188 Colors	188 Colors	
Windows	•	•	•	•	•	•	•	•	•
Glass	Plain and Tinted are available on all Models.								
Warranty	10 Year Warranty available on all Models.								

1 Refer to your local Dealer for exact color or finish match. **2** R-Values have been calculated in accordance with ASTM C518 standards. **3** U-Factor has been independantly tested in accordance with ANSI/DASMA 105-2015 standards. **4** PC = Polyurethane powder coat is limited to 20’2”. Polystyrene is limited to 28’2” based on that is the maximum length of models. Consult factory for larger sizes.

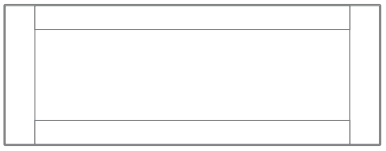
WINDOWS A great way to provide visibility and natural lighting. Complete the look and functionality of your building with our window options.

34” x 16”

24” x 12”

24” x 12” Black Frames

24” x 6”

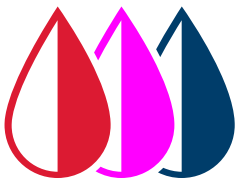


Full-View Aluminum
[not available on models 3206 or 3236]

COLORS[1]

White Almond Sandstone Brown Gray Black

POWDER COATING[1] [PC]



Choose 188 color options with our in-house powder coating.