

# VERSAWALL MIDLINE 2200

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A SLIGHTLY LIGHTER PROFILE THAN THE VERSAWALL 2500 AT 2" (50 mm) NOMINAL, THE VERSAWALL MIDLINE 2200 CURTAIN WALL IS IDEAL FOR LOW TO MEDIUM RISE CURTAIN WALL APPLICATIONS AS WELL AS FOR STOREFRONT. IT IS ALSO AVAILABLE AS A SPLIT MULLION RIBBON WINDOW SYSTEM WITH TWO SIDED SSG OPTION AND A UNIQUE AND CONVENIENT PERIMETER ANCHORING DESIGN.

NOTES:

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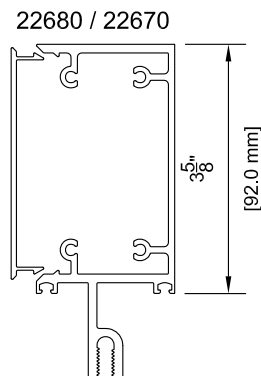
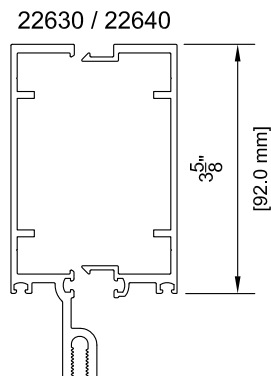
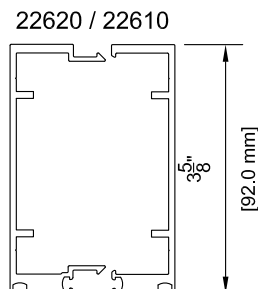
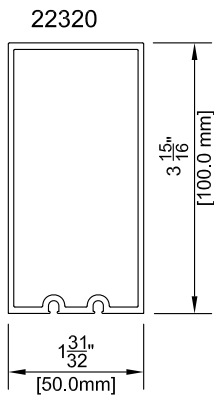
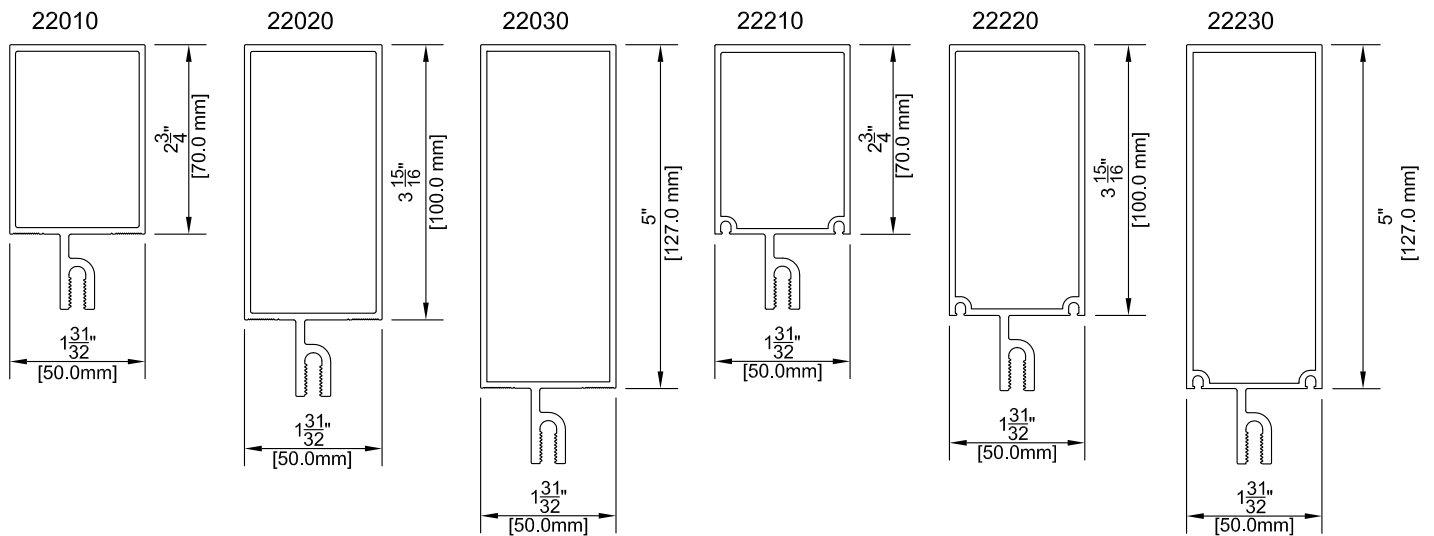
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# VERSAWALL MIDLINE 2200

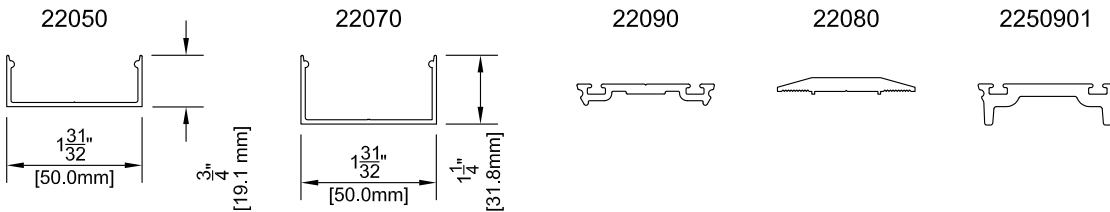
## PRIMARY COMPONENTS SUMMARY PAGES



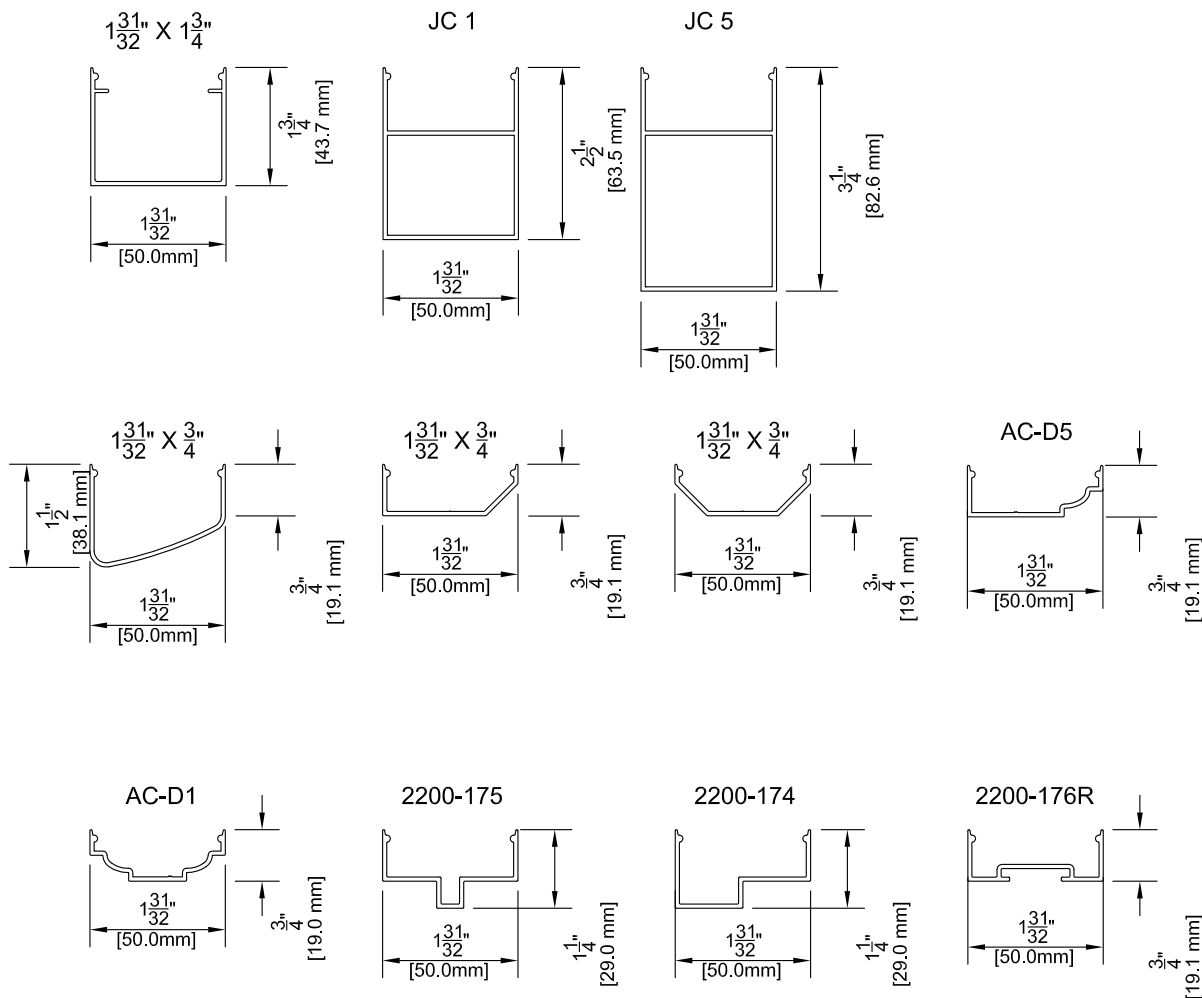
# VERSAWALL MIDLINE 2200

## PRIMARY COMPONENTS SUMMARY PAGES

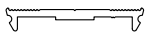
### STOCK CAPS & PRESSURE PLATES



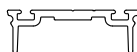
### SPECIAL ORDER CAPS & PRESSURE PLATES



WET GLAZED PRESSURE PLATE.



2200-137



SPECIAL ORDER CAPS AND PRESSURE PLATES MAY BE DISCONTINUED WITHOUT NOTICE.  
PLEASE CONTACT YOUR ALUMICOR REPRESENTATIVE TO CONFIRM AVAILABILITY.

# VERSAWALL MIDLINE 2200 THERMAL SIMULATION CHART

## THERMAL SIMULATION CHARTS READING GUIDE

THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTER OF GLASS AND SELECTED SPACER OR DETERMINE CENTER OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

### DETERMINE CENTER OF GLASS U VALUE

- 1) Choose the total system U value from the chart below (vertical axis).
- 2) Based on this point come across horizontally until you reach the specific spacer bar (metallic or non-metallic)
- 3) From this point come down vertically until you reach the horizontal axis and your center of glass U value

### DETERMINE TOTAL SYSTEM U VALUE

- 1) Choose your center of glass U value from the chart below (horizontal axis).
- 2) Based on this point come up vertically until you reach the specific spacer bar (metallic or non-metallic)
- 3) From this point come across horizontally until you reach the vertical axis and your total system U value

A = Double glazed with Generic Group1

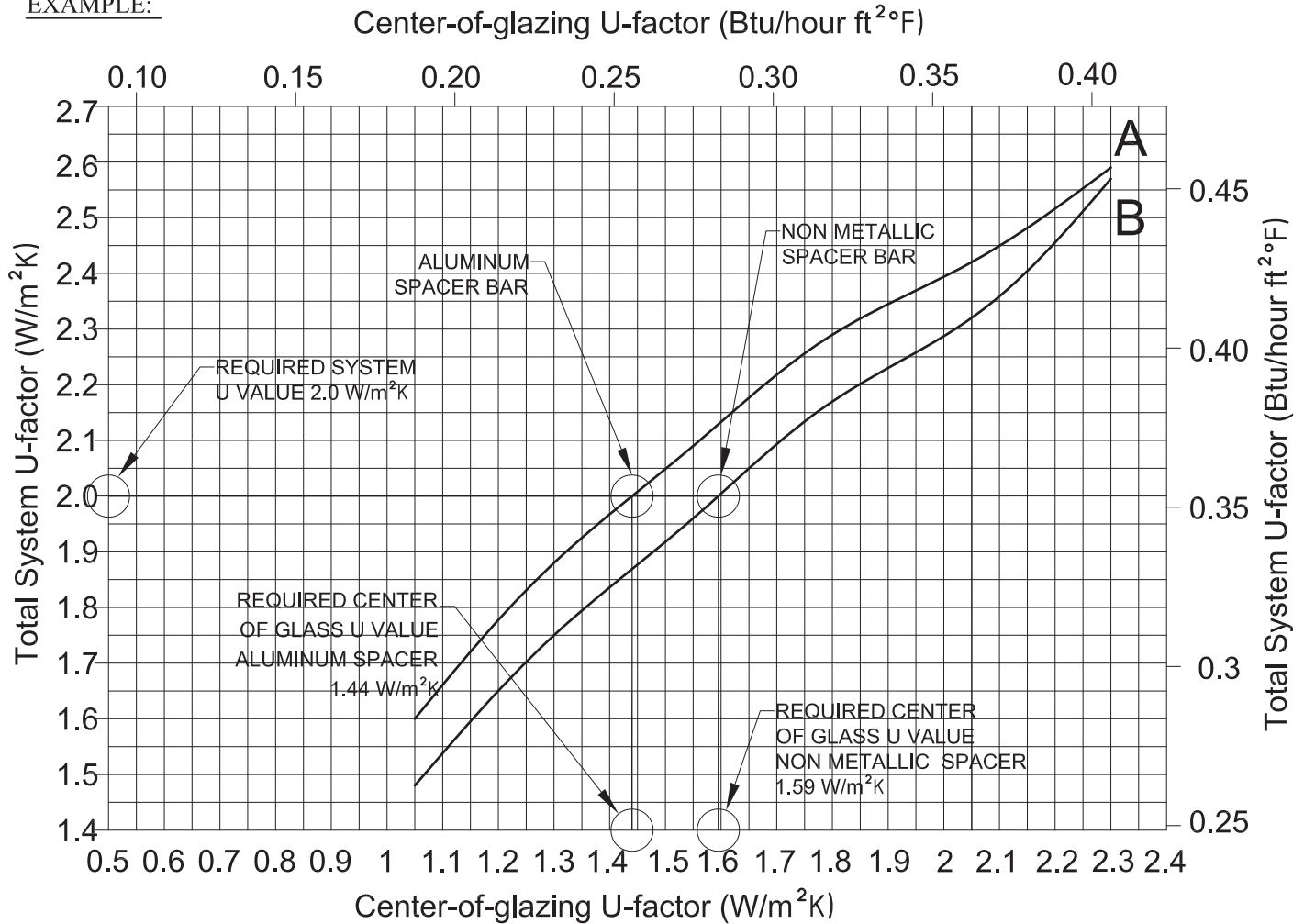
-Spacer containing aluminum

B = Double glazed with Generic Group4

-Spacer containing all non metallic materials

CHART BASED ON 1" (25.4 mm)  
DOUBLE GLAZED UNIT WITH  
3.2mm PVC THERMAL BREAK

### EXAMPLE:



ENVIROMENTAL CONDITIONS: NFRC 100-2001

Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/c

# VERSAWALL 2200 SERIES THERMAL SIMULATION CHART

## THERMAL SIMULATION CHARTS FOR 2200 FIBREGLASS PRESSURE PLATE

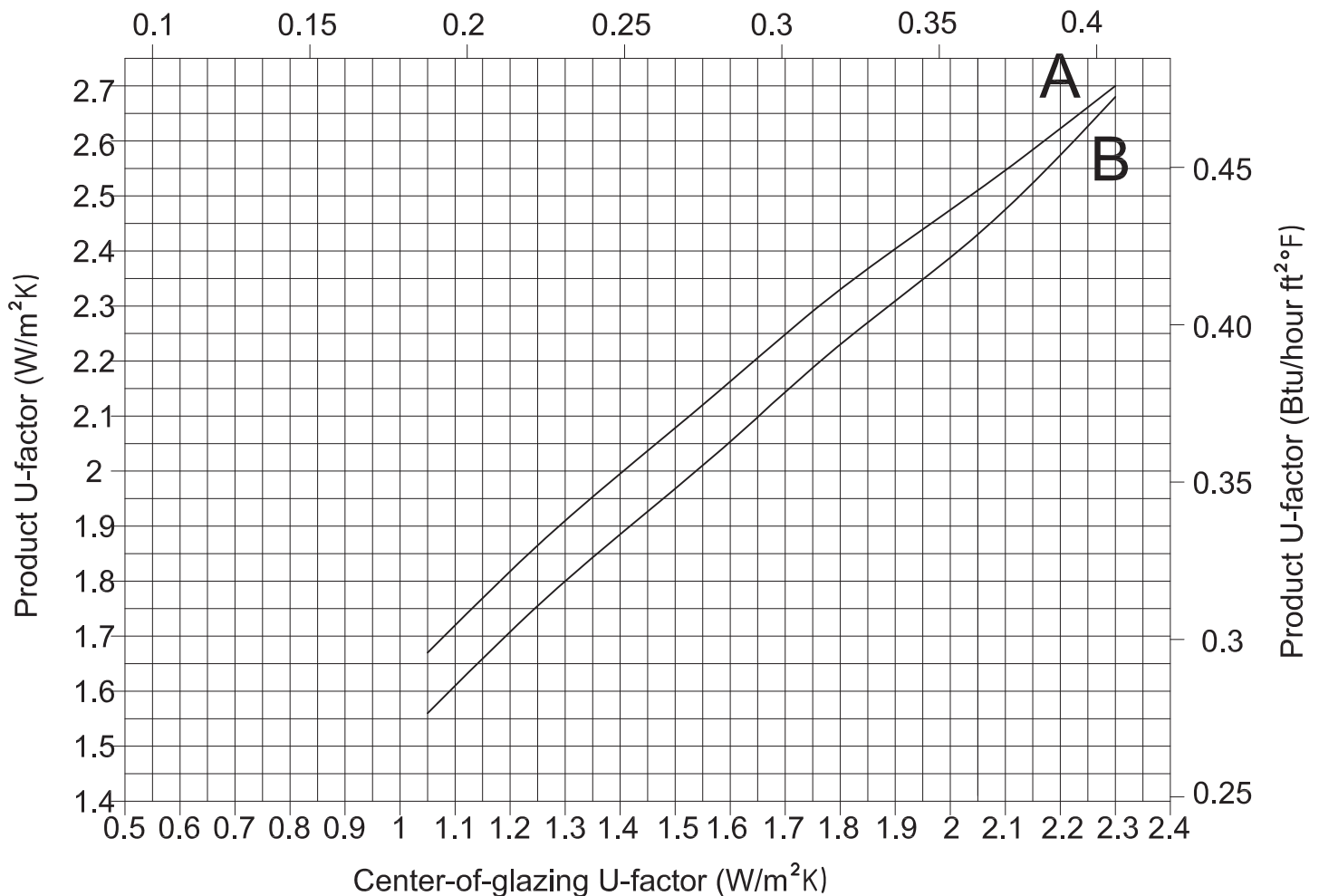
THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTER OF GLASS AND SELECTED SPACER OR DETERMINE CENTER OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

- CURVES REPRESENT INDEPENDENTLY TESTED SIMULATION RESULTS BASED ON DOUBLE GLAZING OPTIONS USING THE LOWEST (CURVE A) AND HIGHEST (CURVE B) PERFORMING SPACERS. SPACER CONDUCTANCE VALUES ARE BASED ON NFRC 100-2010 SECTION 5.9.5.1.
- SIMULATION METHODOLOGY FOLLOWED NFRC 100-2010
- SIMULATED CURTAIN WALL IS 2000mmx2000mm BETWEEN MULLION CENTERS WITH ONE VERTICAL CENTRAL MULLION AS PER NFRC100-2010 Table 4.3.
- THE CHARTS SHOULD BE USED AS A BUDGET OR DESIGN GUIDE. FOR FENESTRATION PRODUCT U-FACTOR AND RATING PURPOSES.

CHART BASED ON 1" (25.4 mm) DOUBLE GLAZED UNIT  
WITH 3.2mm PVC THERMAL BREAK

EXAMPLE:

Center-of-glazing U-factor ( $\text{Btu}/\text{hour ft}^2\text{°F}$ )



A = double glazed with Generic Group1  
-Spacer containing aluminum

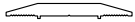




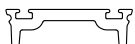





B = double glazed with Generic Group4  
-Spacer containing all non metallic materials

ENVIRONMENTAL CONDITIONS: NFRC 100-2001

Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s









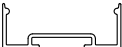
# VERSAWALL MIDLINE 2200

## COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	22080	1 31/32" (50.0 mm) SLOPED PRESSURE PLATE WET SEAL	
	22090	1 31/32" (50.0 mm) PUNCHED PRESSURE PLATE DRY SEAL	USE PART #2219 TO ORDER WITHOUT PRE-PUNCHED HOLES
	_____	3 15/16" (100.0 mm) PUNCHED PRESSURE PLATE DRY SEAL	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	_____	1 31/32" (50.0 mm) PRESSURE PLATE WET SEAL	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-137	PRESSURE PLATE WITH FINS	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2250901	FIBERGLASS PUNCHED PRESSURE PLATE COVER	CONTACT YOUR ALUMICOR REPRESENTATIVE FOR SAFTEY DATA SHEET
	22050	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	
	22070	1 31/32" X 1 1/4" (50.0 mm X 31.8 mm) PRESSURE PLATE COVER	
	_____	1 31/32" X 1 3/4" (50.0 mm X 43.7 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	JC 1	1 31/32" X 2 1/2" (50.0 mm X 63.5 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	JC 5	1 31/32" X 3 1/4" (50.0 mm X 82.6 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES

# VERSAWALL MIDLINE 2200

## COMPONENTS

PART	PART NO.	DESCRIPTION	NOTES
	—	3 15/16" X 3/4" (100.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	—	1 31/32" X 3/4" (50.0 mm X 19.0 mm) PRESSURE PLATE COVER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	AC-D1	1 31/32" X 3/4" (50mm X 19.1mm) DOUBLE OGEE PRESSURE PLATE CAP FOR MULLIONS AND HORIZONTALS	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	AC-D5	1 31/32" X 3/4" (50mm X 19.1mm) OGEE PRESSURE PLATE CAP FOR PERIMETER	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-174	1 1/8" (28.6 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-175	1 1/8" (28.6 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES
	2200-176R	3/4" (19.1 mm) DEEP PRESSURE PLATE CAP	SPECIAL ORDER - CONTACT YOUR ALUMICOR REPRESENTATIVE FOR MINIMUM QUANTITIES