VersaWall MidLine 2200

Thermal simulation chart for Fiberglass Pressure plate

THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTRE OF GLASS AND SELECTED SPACER OR DETERMINE CENTRE 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 78 $\frac{3}{4}$"(2000mm) x 78 $\frac{3}{4}$"(2000mm) between mullion centres 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.

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:

ENVIRONMENTAL CONDITIONS: NFRC 100-2001		
Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s

Pour la version en français, veuillez voir les page: 1.5.2.5

VersaWall MidLine 2200

Thermal simulation chart for Aluminum Pressure plate

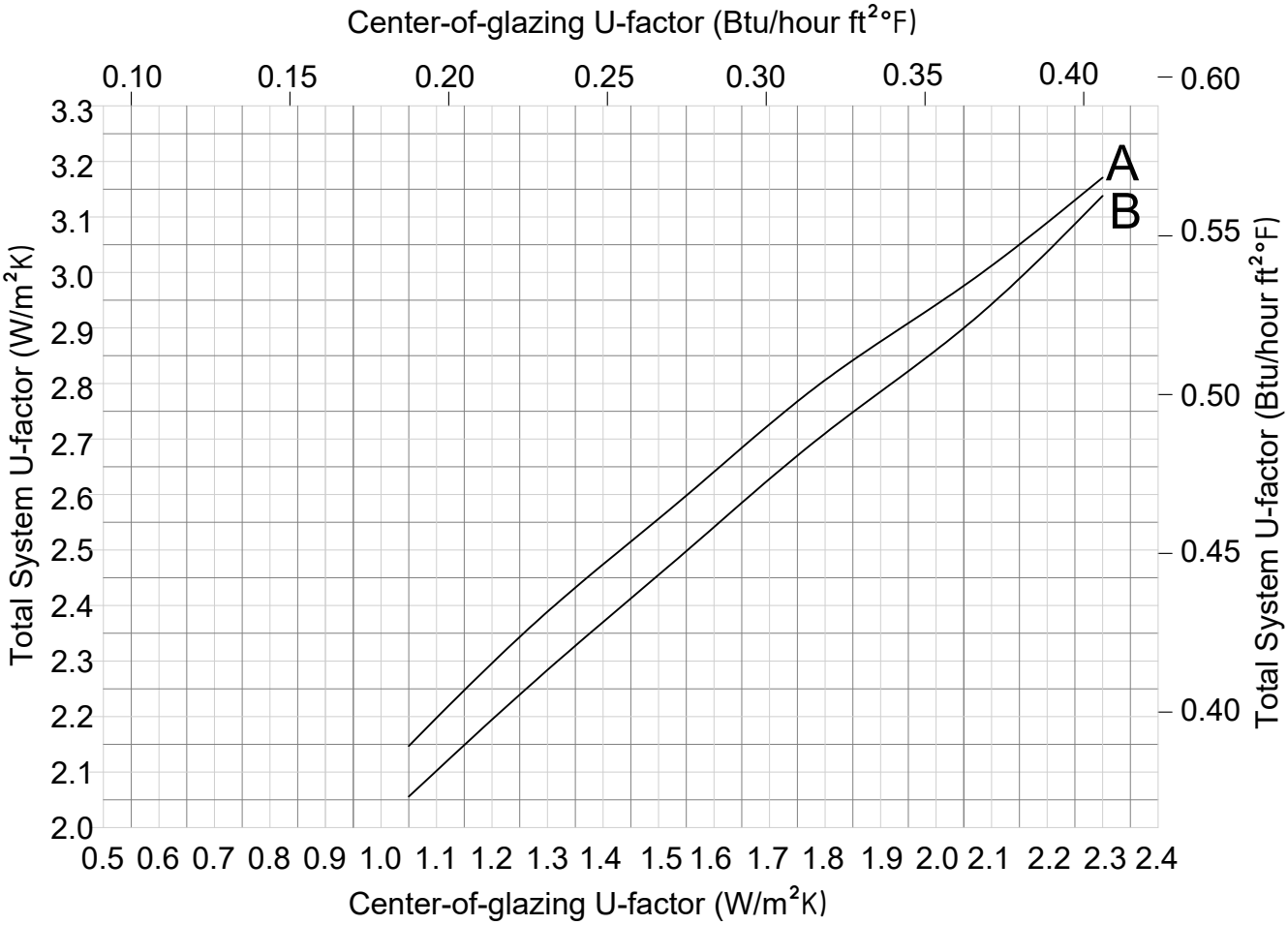
THE FOLLOWING THERMAL CHARTS ARE TO BE USED TO DETERMINE OVERALL U VALUE OF THE PRODUCT BY KNOWING U VALUE CENTRE OF GLASS AND SELECTED SPACER OR DETERMINE CENTRE OF GLASS U VALUE AND SPACER BY KNOWING THE PRODUCT REQUIREMENTS FOR U VALUE.

- 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 78 $\frac{3}{4}$"(2000mm) x 78 $\frac{3}{4}$"(2000mm) between mullion centres 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.

A = Double glazed with Generic Group1
-Spacer containing aluminum
B = Double glazed with Generic Group 4
-Spacer containing all non metallic materials

CHART BASED ON 1" (25.4 mm)
DOUBLE GLAZED SEALED UNIT

EXAMPLE:



ENVIRONMENTAL CONDITIONS: NFRC 100-2001		
Inside Air Temperature	Outside Air Temperature	Outside Wind Speed
21° C	-18° C	5.5 m/s

Pour la version en français, veuillez voir les page: 1.5.2.6