

# CONTRAFLAM STRUCTURE 120

Fire-Rated Clear Tempered Safety Glass

## CLASSIFICATION



### Fire Resistive

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke, hot gases and radiant heat.



### Impact Safety

Impact safety rated to meet the highest human impact safety ratings.



### Hose Stream

This product has passed the hose stream test.

## AVAILABLE OPTIONS



- + Protection
- + Clear view



- + Climate control
- + Extra clear
- + Noise Control
- + Screen
- + Dynamic privacy



- + Coloring
- + Digital printing
- + Matte finish (for US)
- + Screen printing
- + Shapes



- + Double glazing
- + Solar control
- + Tinting

Contact us for a personalized solution to meet your product requirements.

Listed and labeled with Underwriters Laboratories Inc.

UL File Number R22066

Low-Iron glass available upon request

## TECHNICAL SPECIFICATIONS

<b>Fire Rating</b>	<b>120 min</b>
<b>US / Canada Standards</b>	UL 263; ASTM E-119; CAN/ULC S101; NFPA 251; LAAR 26129
<b>Building code markings</b>	W 120
<b>Impact Safety Rating</b>	CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
<b>Application</b>	Interior
<b>Product</b>	<b>CONTRAFLAM STRUCTURE 120</b>
<b>Nominal Thickness</b>	2-1/16 in. (52 mm)
<b>Thickness Tolerance</b>	-1/8 in. to 1/8 in. (-3 mm to 3 mm)
<b>Edge Cover</b>	1/2 in. (12.7 mm)
<b>Weight</b>	22.5 lbs/sq. ft (110 kg/sq. m)
<b>STC/OITC rating (ASTM E 413/E 1332)</b>	47 / 40
<b>Visible transmittance (NFRC 200)</b>	74.2
<b>Light reflection pL ext./int. (CIE)</b>	10.4% / 10.4%
<b>U-Value BTU/(hr*sqft*degF) (NFRC 100)</b>	Winter:0.59 / Summer:0.55
<b>Solar heat gain coefficient (NFRC 200)</b>	0.56
<b>Shading coefficient (NFR 200)</b>	0.64
<b>Energy transmission (NFRC 300)</b>	40.6%
<b>Windows, Transoms, Sidelites (w/h/a)</b>	126in. x 126in., 4,536 sq. in. (3.20m x 3.20m, 2.93 sq. m)

\*Height multiplied by width cannot exceed maximum exposed area

\*\* Alternative single pane dimensions (w x h, a):  
87-5/8 in. x 69-1/8 in., 6,057.5 sq. in. (2.23 m x 1.76 m, 3.91 sq. m)

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

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Product characteristics are subject to change without notice and may vary depending on manufacturing size and composition. Available options are dependent on product type and application. Contact your Vetrotech representative for further support

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