

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, radiant heat, and hot gases.



Impact safety

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



Hose stream tested

This product has passed a hose stream test.

Available Options



- Protection
- Clear view



- Coloring
- Shapes
- Digital printing
- Screen printing
- Matte finish



- Double glazing
- Solar control
- Tinting



- Climate control
- Extra clear
- Noise reduction
- Screen
- Dynamic privacy

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

Fire Rating

US / Canada Standards
Building code markings
Impact Safety Rating
Application

120 minutes

UL 263; ASTM E-119; CAN/ULC S101; NFPA 251; LAAR 26129
W 120
ANSI Z97.1, CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Interior

Product

Nominal Thickness
Thickness Tolerance
Edge Cover
Weight
STC/OITC Rating (ASTM E 413/E1332)
Visible Light Transmittance (NFRC 200)
Light Reflection pL ext./int. (CIE)
U-Value BTU (hr*sqft*degF) (NFRC 100)
Solar Heat Gain Coefficient (NFRC 200)
Shading Coefficient (NFRC 200)
Energy Transmission (NFRC 300)
Windows, Transoms, Sidelites: w x h, a

CONTRAFLAM Structure 120

2-1/16 in. (52 mm)
-1/8 in. to 1/8 in. (-3 mm to 3 mm)
1/2 in. (12.7 mm)
22.5 lbs/sq. ft. (110 kg/sq. m)
47 / 40
74.2%
10.4% / 10.4%
Winter: 0.59 / Summer: 0.55
0.56
0.64
40.6%
126 in. x 126 in., 4536 sq. in. (3.2 m x 3.2 m, 4.89 m²)

*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., 6057.5 sq. in. (2.23 m x 1.76 m, 3.91 m²)

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.