

# CONTRAFLAM 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 the hose stream test.

### AVAILABLE OPTIONS



- + Protection
- + Alarm
- + EMF Shielding



- + Coloring
- + Digital printing
- + Screen printing
- + Shapes
- + Ceramic Frit



- + Climate control
- + Extra clear
- + Noise control
- + Screen



- + Insulated
- + Solar control
- + Tinting
- + Triple glazing

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

### TECHNICAL SPECIFICATIONS

#### Fire rating

Listings/Approvals

Building code markings

Impact Safety Rating

Applications

#### 120 Minutes

UL 263; NFPA 251; ASTM E119; CAN/ULC-S101

W-120

CPSC 16CFR 1201; CAN/CGSB 12.1-M90; ANSI Z97.1

Interior/Exterior

#### Product

#### Contraflam 120

Nominal thickness	1.535 in. (39 mm)
Thickness tolerance (ASTM C 1772)	-0.118 in. to +0.118 in. (-3 mm to +3 mm)
Length tolerance (ASTM C 1772)	≤ 39 in.: -0.039 in. to 0.079 in.; ≤ 79 in.: -0.039 in. to +0.098 in. > 79 in.: -0.039 in. to +0.118 in. (≤ 1000 mm: -1 mm to +2 mm; ≤ 2000 mm: -1 mm to +2.5 mm; > 2000 mm: -1 mm to +3 mm)
Edge cover	0.5 in. to 0.625 in. (12.7 mm to 15.875 mm)
Window-Transom-Sidelite: max exposed width x height, area*	94.625 in. x 94.625 in., 4,435 sq. in. (2.4 m x 2.4 m, 2.9 sq. m)
Door, Non-Temp Rise:	N/A
Door, Temp Rise	N/A
Weight (lbs/sqft.; kg/sqm.)	15.9 (77.5)
STC/OITC rating (ASTM E 413/E 1332)	46/41
Visible transmittance (NFRC 200)	79.3%
Light reflection pL ext./int. (CIE)	10.3% / 10.3%
U value BTU/(hr*sqft*degF) (NFRC 100)	0.57 Summer; 0.61 Winter
Solar heat gain coefficient (NFRC 200)	0.62
Shading coefficient (NFRC 200)	0.71
Energy transmission (NFRC 300)	49.1%

\*Height multiplied by width cannot exceed maximum exposed area.

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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.