

# CONTRAFLAM 120 IGU

## 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 IGU\*\*

Nominal thickness	2.269 in. (57.6 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.)	18.8 (91.6)
STC/OITC rating (ASTM E 413/E 1332)	44/35
Visible transmittance (NFRC 200)	65.7%
Light reflection pL ext./int. (CIE)	17.8% / 16.7%
U value BTU/(hr*sqft*degF) (NFRC 100)	0.34 Summer; 0.33 Winter
Solar heat gain coefficient (NFRC 200)	0.57
Shading coefficient (NFRC 200)	0.65
Energy transmission (NFRC 300)	37.2%

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

\*\* Values calculated using Pilkington Energy Advantage Low-E 1/4 in. (6mm) outboard lite with a 1/2 in. (12.7mm) steel spacer.