

# CONTRAFLAM® One - 120 IGU

Fire resistant clear safety glass for exterior applications

## 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



→ Coloring  
→ Rectilinear shapes



→ Double/triple glazing  
→ Solar control



→ Climate control  
→ Extra clear  
→ Noise reduction

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

## Technical Specifications

HYBRIDCORE TECHNOLOGY™

### Fire Rating

US / Canada Standards  
Building code markings  
Impact Safety Rating  
Application

### 120 minutes

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

### Product\*\*

Nominal thickness  
Thickness tolerance  
Weight  
STC/OITC rating (ASTM E 413/E1332)  
Visible 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 One - 120 IGU

2 3/16 in. (56 mm)  
± 5/64 in. (± 2 mm)  
15 lbs/sq. ft. (73 kg/sq. m)  
45 / 37  
74.2%  
14.8% / 13.8%  
Winter: 0.26 / Summer: 0.25  
0.58  
0.67  
42.3%  
126 1/4 in. x 126 1/4 in., 45.1 sq. ft.  
(3206 mm x 3206 mm, 4.19 m²)

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

\*\*Values calculated using Cardinal LoE 180 1/4 in. (6 mm) outboard lite with 1/2 in. (13 mm) steel spacer.

Products with PVB films in preparation.

Shapes: Dimensional tolerances may vary.

DoP (Declaration of Performance) for CONTRAFLAM One in preparation.

EPD (Environmental Product Declaration) and HPD (Health Product declaration) for CONTRAFLAM One in preparation.