

# CONTRAFAM® One 120 US/C

Fire Rated clear tempered interlayered safety glass for interior 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

This product has passed a hose stream test.

## Available Options



### Extra clear



### Patterned glass



### Double glazing

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

## Technical Specifications

HYBRIDCORE TECHNOLOGY™

### Fire Rating

US / Canada Standards	UL 263; ASTM E119, E2226; CAN/ULC S101
Building code markings	W 120
Impact Safety Rating	ANSI Z97.1; CPSC 16CFR 1201-CAT II; CAN/CGSB - 12.1-M90
Application	Interior

### Product

Glass Type	Planiclear
Nominal thickness	1-7/16 in. (37 mm)
Thickness tolerance	± 5/64 in. (± 2 mm)
Weight	12.1 lbs/sq. ft. (59 kg/ m <sup>2</sup> )
STC/OITC rating (ASTM E 413/E1332)	41 / 41 measured
Visible transmittance (NFRC 200)	87%
Light reflection pL ext./int. (CIE 15)	8% / 8%
U-factor (Btu/h*sq.ft*deg F) (NFRC 100)	Winter: 0.789 / Summer: 0.738
Solar heat gain coefficient (NFRC 200)	0.68
Energy transmission (NFRC 300)	57%
Non Loadbearing Wall Assemblies:	126-3/16 in. (3206mm);
Max dimensions [Based on Intertek Spec ID 73711]	Area: 45.1 sq. ft. (4.19 m <sup>2</sup> )
Temperature range	-40°C / +60°C (-40°F / +140 °F)

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Planiclear	Diamant
1-7/16 in. (37 mm)	1-7/16 in. (37 mm)
± 5/64 in. (± 2 mm)	± 5/64 in. (± 2 mm)
12.1 lbs/sq. ft. (59 kg/ m <sup>2</sup> )	12.1 lbs/sq. ft. (59 kg/ m <sup>2</sup> )
41 / 41 measured	41 / 41 measured
87%	89%
8% / 8%	8% / 8%
Winter: 0.789 / Summer: 0.738	Winter: 0.789 / Summer: 0.738
0.68	0.71
57%	61%
126-3/16 in. (3206mm);	126-3/16 in. (3206mm);
Area: 45.1 sq. ft. (4.19 m <sup>2</sup> )	Area: 45.1 sq. ft. (4.19 m <sup>2</sup> )
-40°C / +60°C (-40°F / +140 °F)	-40°C / +60°C (-40°F / +140 °F)

### Additional Information to CONTRAFAM 120-1

Exterior applications might be possible, please contact us.