

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

120 minutes

Product	CONTRAFAM® One 120 US/C
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 ²)
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 ²)
Temperature range	-40°C / +60°C (-40°F / +140 °F)

CONTRAFAM® One 120 US/C

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 ²)
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 ²)
Temperature range	-40°C / +60°C (-40°F / +140 °F)

Additional Information to CONTRAFAM 90-1

Exterior applications might be possible, please contact us.