

CONTRAFLAM® One 60, 90 & 120

Fire resistant clear 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 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	UL 10B, 10C, 263; ASTM E-119; CAN/ULC S101, S104; NFPA 80, 252, 257 120 only UL 263; ASTM E-119; CAN/ULC S101
Building code markings	D-H 60 / 90; D-H-T 60 / 90; W 60 / 90 / 120; D-H-T-W 60 / 90
Impact Safety Rating	ANSI Z97.1, CPSC 16CFR 1201-CAT II, CAN/CGSB - 12.1-M90
Application	Interior / Exterior

60 min | 90 min | 120 min

Product

	CF60-1	CF90-1	CF120-1
Nominal thickness	1-1/8 in. (28 mm)	1-1/4 in. (32 mm)	1-7/16 in. (37 mm)
Thickness tolerance	± 5/64 in. (± 2 mm)	± 5/64 in. (± 2 mm)	± 5/64 in. (± 2 mm)
Weight	10 lbs/sq. ft. (49 kg/sq. m.)	10.9 lbs/sq. ft. (53 kg/sq. m.)	12.1 lbs/sq. ft. (59 kg/sq. m.)
STC/OITC rating (ASTM E 413/E1332)	41 / 39	42 / 40	41 / 41
Visible transmittance (NFRC 200)	87%	86%	86%
Light reflection pL ext./int. (CIE)	8% / 8%	8% / 8%	8% / 8%
U-Value BTU (hr*sqft*degF) (NFRC 100)	Winter: 0.9 / Summer: 0.8	Winter: 0.8 / Summer: 0.8	Winter: 0.8 / Summer: 0.7
Solar heat gain coefficient (NFRC 200)	0.69	0.68	0.67
Shading coefficient (NFRC 200)	0.79	0.78	0.77
Energy transmission (NFRC 300)	57%	56%	55%

	CF60-1	CF90-1	CF120-1
Door, Temp Rise: Max exposed w x h, a	50 11/16 in. x 108 in., 38 sq. ft. (1288 mm x 2743 mm, 3.5 m²)	36 1/4 in. x 92 1/8 in., 23.14 sq. ft. (920 mm x 2340 mm, 2.15 m²)	N/A
Windows, Transoms, Sidelites: w x h, a	138 7/16 in. x 138 7/16 in., 51.45 sq. ft. (3516 mm x 3516 mm, 4.78 m²)	92 1/8 in. x 92 1/8 in., 23.14 sq. ft. (2340 mm x 2340 mm, 2.15 m²)	126 1/4 in. x 126 1/4 in., 45.1 sq. ft. (3206 mm x 3206 mm, 4.19 m²)

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.