

CONTRAFLAM® 20 US/C IGU

Fire protection rated clear safety glass for exterior applications

Classification



Fire protective

This glass product can withstand fire exposure to the non-fire side and protects from flames, smoke and hot gases.



Impact safety

Impact safety rated to meet the highest human impact safety ratings.

Available Options



→ Protection



→ Coloring
→ Shapes



→ Climate Control
→ Extra clear
→ Noise reduction



→ Double Glazing
→ Solar Control

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

Technical Specifications

Fire Rating

US / Canada Standards
Building code markings
Impact Safety Rating (EN 12600)
Application

20 minutes

UL 10B, UL10C, UL9
D-NH-20
1(C)2 / 1(B)1 (comparable to ANSI Z97.1, CPSC 16CFR 1201-CAT II)
Interior / Exterior

Product

Nominal thickness
Thickness tolerance
Weight
Glass 1
Spacer
Glass 2
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)
Energie transmission (NFRC 300)
Windows, Transom, Sidelite: Max exposed w x h, a*
<i>[Based on Intertek Spec ID 80811]</i>
Door, Non-Temp Rise: Max exposed w x h, a
<i>[Based on Intertek Spec ID 80811]</i>

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1-1/8 in. (28 mm)
± 1/8 in. (± 3 mm)
10 lbs/sq. ft. (49 kg/ m2)
¼ in. (6 mm) Planitherm XN II
¼ in. (6 mm)
5/8 in. (16 mm) CF20
37 dB / 32 dB
50%
12% / 12%
Winter: 0.31/ Summer: 0.32 (calculated with Argon)
0.56
0.64
48%
47-1/2 in. x 95-1/2 in., 3419 sq. in. (1.21 m x 2.43 m, 2.21 m2)
95-1/2 in. x 95-1/2 in., 4738 sq. in. (2.43 m x 2.43 m, 3.06 m2)

CONTRAFLAM® 20 US/C IGU

1-5/16 in. (34 mm)
± 1/8 in. (± 3 mm)
10 lbs/sq. ft. (49 kg/ m2)
¼ in. (6 mm) Planitherm XN II
½ in. (12 mm)
5/8 in. (16 mm) CF20
40 dB / 33 dB
78%
12% / 12%
Winter: 0.23 / Summer: 0.22 (calculated with Argon)
0.56
0.64
48%
47-1/2 in. x 95-1/2 in., 3419 sq. in. (1.21 m x 2.43 m, 2.21 m2)
95-1/2 in. x 95-1/2 in., 4738 sq. in. (2.43 m x 2.43 m, 3.06 m2)

*Height multiplied by width cannot exceed maximum exposed area.

Shapes: Dimensional tolerances may vary.