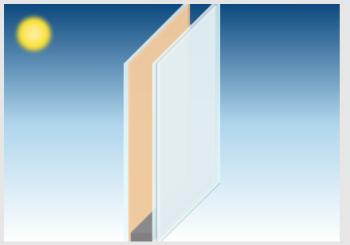




Calumen III 1.25





PLANICLEAR (4 mm) Pane 1 COOL-LITE SKN 176 Cavity 1 ARGON (90%) / AIR (10%) / 18 mm PLANICLEAR (3 mm) PVB standard (2 x 0.38 mm) Pane 2 PLANICLEAR (3 mm)

HYTHERM SOLAR SECURITY

Glasscraft Decorative Ltd

Jonathan Hewitt

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CIE (15-2004) **LUMINOUS FACTORS**

Light transmission (TL %) 69.9 % Outdoor reflection (RLe %) 13.1 % Indoor (RLi %) 14.9 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g) 0.3711 Shading Coefficient (SC) 0.4266



COLOR RENDERING CIE (15-2004)

Transmission (Ra) 96.0 Reflection (Ra) 84.2



BURGLAR RESIST

EN356

Result: NPD/P1A



CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 48 Kg(CO2)/m² (A1-A3)



EN410 (2011-04) **ENERGY FACTORS**

Transmission (Te) 33.4 % Reflection (Ree) 39.5 % Indoor (Rei) 34.6 % Absorption (AE1) 23.9 % Absorption (AE2) 3.1 %



THERMAL TRANSMISSION

EN673 (2011-04)

1.049 W/m².K 0° related to vertical position



MANUFACTURING SIZES

Nominal thickness 28.8 mm Weight 25.8 kg/m²



PENDULUM RESISTANCE

EN12600

Result: NPD/1B1



ACOUSTICS

EN12758

Rw(C;Ctr) = 37(-2;-6) dB

Acoustic simulated values -

v2.0

29

OITC (ASTM E1332) STC (ASTM E413) 37