



Pane 1 PLANICLEAR (4 mm)
COOL-LITE SKN 176

Cavity 1 ARGON (90%) / AIR (10%) / 20 mm

Pane 2 PLANICLEAR (4 mm)

HYTHERM SOLAR

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LUMINOUS FACTORS

CIE (15-2004)

Light transmission (TL %) 70.4 %
Outdoor reflection (RLe %) 13.1 %
Indoor (RLi %) 15.0 %



SOLAR FACTORS

EN410 (2011-04)

Solar factor (g) 0.3734
Shading Coefficient (SC) 0.4292



COLOR RENDERING

CIE (15-2004)

Transmission (Ra) 96.4
Reflection (Ra) 84.3



BURGLAR RESIST

EN356

Result : NPD



CARBON FOOTPRINT

EN15804+A2

Global warming potential 'GWP' 34 Kg(CO2)/m²
(A1-A3)



ENERGY FACTORS

EN410 (2011-04)

Transmission (Te) 35.5 %
Reflection (Ree) 39.6 %
Indoor (Rei) 41.7 %
Absorption (AE1) 24 %
Absorption (AE2) 0.9 %



THERMAL TRANSMISSION

EN673 (2011-04)

Ug 1.067 W/m².K
0° related to vertical position



MANUFACTURING SIZES

Nominal thickness 28.0 mm
Weight 20.0 kg/m²



PENDULUM RESISTANCE

EN12600

Result : NPD



ACOUSTICS

EN12758

Acoustic simulated values - v2.0 Rw(C;Ctr) = 33(-1;-5) dB
OITC (ASTM E1332) 26
STC (ASTM E413) 34