

COOL- LITE SKN series

Solar control glass



DESCRIPTION

Combining excellent solar control with thermal insulation properties for optimum energy efficiency. This solution protects interior spaces from heating up while maximizing daylight. Thereby sustainably reducing the cooling, heating and lighting effort required; the result is a bright atmosphere and comfortable room temperature – in any season.

PERFORMANCE

Standard thicknesses : 6-8-10 mm (other on request) - Dimensions : Jumbos, split sizes

Average performance values of DGU (6+12+6 mm) with coating on surface #2, according to the standards ISO 9050 m1 / EN 6732 and to the standards NFRC 100

| Product | Norm | Light Transmittance LT (%) | Solar Factor g-value | Shading Coefficient SC | External Light Reflectance LRe (%) | Internal Light Reflectance LRI (%) | U-Value W/(m².K) | | Available colors ¹ |
|------------|------|----------------------------|----------------------|------------------------|------------------------------------|------------------------------------|------------------|------------|--|
| | | | | | | | 12mm air | 16mm argon | |
| SKN 176 II | ISO | 70 | 0.35 | 0.40 | 13 | 15 | 1.5 | 1.0 | SKN 076 II |
| | NFRC | 70 | 0.34 | 0.39 | 13 | 15 | 1.61 | 1.39 | |
| SKN 165 II | ISO | 60 | 0.32 | 0.36 | 16 | 17 | 1.5 | 1.0 | SKN 065 II SKN 765 II SKN 465 II SKN 265 II |
| | NFRC | 60 | 0.31 | 0.36 | 16 | 17 | 1.63 | 1.41 | |
| SKN 154 II | ISO | 50 | 0.26 | 0.30 | 18 | 26 | 1.5 | 1.0 | SKN 054 II SKN 754 II SKN 454 II SKN 254 II |
| | NFRC | 50 | 0.26 | 0.30 | 18 | 26 | 1.61 | 1.39 | |
| SKN 144 II | ISO | 40 | 0.23 | 0.26 | 20 | 12 | 1.6 | 1.1 | SKN 044 II SKN 744 II SKN 444 II SKN 244 II |
| | NFRC | 40 | 0.22 | 0.26 | 20 | 12 | 1.64 | 1.42 | |

■ Green ■ Blue ■ Bronze ■ Extra clear

PROCESSING CAPABILITIES

Available in two versions : annealed or to be tempered

To be assembled in double glazing only

Edge deletion mandatory

Enameling not compatible

ADVANTAGE

Solar control

Temperature LOW- E

Daylight comfort (from 30% to 70% transparency)

Energy savings

Colored, reflective or neutral aesthetics

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