

COOL- LITE XTREME series

Solar control glass



DESCRIPTION

The latest innovation in extreme selective solar control coatings.

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 | |
| XTREME 70/33 II | ISO | 70 | 0.31 | 0.36 | 11 | 13 | 1.5 | 1.0 | XTREME 70/33 II DIAMANT |
| | NFRC | 70 | 0.30 | 0.34 | 11 | 13 | 1.62 | 1.40 | |
| XTREME 60/28 II | ISO | 60 | 0.27 | 0.31 | 14 | 17 | 1.5 | 1.0 | XTREME 60/28 II DIAMANT |
| | NFRC | 61 | 0.26 | 0.30 | 14 | 17 | 1.63 | 1.41 | |
| XTREME 50/22 II | ISO | 47 | 0.21 | 0.24 | 16 | 18 | 1.5 | 1.0 | XTREME 50/22 II DIAMANT |
| | NFRC | 47 | 0.20 | 0.23 | 16 | 18 | 1.61 | 1.39 | |

■ 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 control LOW- E

Daylight comfort (from 50% to 70% transparency)

Energy savings

Neutral aesthetics

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