VISION- LITE

Anti- reflective glass

BASIC INFORMATION

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DESCRIPTION

VISION- LITE low- reflective coated glass has the property to significantly reduce the reflection of visible light on the surface of glass. VISION- LITE is obtained by magnetically enhanced cathodic sputtering under vacuum conditions, by applying transparent coatings of metallic oxide to the glass.

RANGE

VISION- LITE is available on DIAMANT substrate as follows:
Semi VISION- LITE: Monolithic, low reflective coating on only one side and annealed glass
Semi VISION- LITE II: Monolithic, low reflective coating on only one side and to be tempered glass
STADIP VISION- LITE: Laminated low- reflective coating on both sides and annealed glass
VISION- LITE II: Monolithic low reflective coating on both sides and to be tempered glass

PRODUCT	Base glass	Thicknesses	Size*
Semi VISION- LITE	DIAMANT	4, 6, 8, 10	6000 x 3210
Semi VISION- LITE II		4, 6, 8, 10	
STADIP VISION- LITE		44.2, 55.2, 64.2, 66.2, 88.2, 1010.2	
VISION- LITE II**		6, 8, 10	

*Other sizes available on request to the refered sales person to your area by clicking **here**.
**A trimming of 2cm over the edges is necessary

PERFORMANCE

Product	Light Transmittance LT [%]	Light Reflectance LR [%]
DIAMANT, 8 mm	91	8
VISION- LITE STADIP PROTECT 44.2	96	1
VISION- LITE II, 8 mm	98	1

PROCESSING CAPABILITIES

VISION- LITE is a coated glass which is treated on both sides. It must be processed and installed in accordance with specific instructions.

Important notes:
For horizontal interior applications (museum display cabinets, shelves, tables etc), precautions must be taken to avoid frequent and excessive finger marks and the risk of scratching.
The residual reflectance of VISION- LITE with two low reflective coated sides is very low (approximately 1%). It is however still visible under certain lighting conditions viewing angles and in certain surrounding environments. The residual reflectance depends on the angle from which it is viewed.

PRODUCT APPLICATION

VISION- LITE low reflective glass is ideal for all applications that require maximum transparency and unimpaired vision through the glass.

Internal:
Display cabinets in museums and protective screens for paintings;
Display units and shop fronts;
Internal partitions (hospitals, control rooms, TV studios etc.);
Signage or advertising panels for railways, motorways and airports etc
External:
Shop fronts and show rooms;
Glazed areas in panoramic restaurants;

Control towers, control rooms and observation rooms;
Screens to separate spectators in terraced stadiums..

ADVANTAGE

Optimum vision, very high transparency levels and very low residual reflectance (approximately 10 times less reflective than conventional glass) for improved visibility.
Clarity of objects, better contrast and color rendering.
Acoustic insulation using STADIP SILENCE.
Enhanced thermal insulation properties with a lowemissivity coated glass.

Vision- Lite brochure