

VISION LITE

ANTI-REFLECTIVE GLASS



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GLASS EXPROVER



SAINT-GOBAIN

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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.

APPLICATIONS

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..

ADVANTAGES

- 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 low-emissivity coated glass.

PERFORMANCES

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

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

**A trimming of 2cm over the edges is necessary

PROCESSING AND INSTALLATION

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.

