

# VISION-LITE

See the inner beauty



BUILDING GLASS EUROPE



SAINT-GOBAIN

## VISION-LITE

*See the inner beauty*

### 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	Thickness	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 2 cm 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.

VISION-LITE, DIAMANT, STADIP PROTECT, STADIP SILENCE are trademarks.

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