

SGG VISION-LITE®

See the inner beauty



BUILDING GLASS EUROPE



See the inner beauty

DESCRIPTION

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

APPLICATIONS

SGG 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 SGG STADIP® SILENCE.
- Enhanced thermal insulation properties with a low-emissivity coated glass.

Performances

Product	Light Transmittance LT [%]	Light Reflectance LR [%]
SGG PLANICLEAR®, 8 mm	89	8
SGG DIAMANT®, 8 mm	91	8
SGG VISION-LITE® STADIP PROTECT 44.2	96	1
SGG VISION-LITE® II, 8 mm	98	1

RANGE

SGG VISION-LITE® is available on SGG DIAMANT® substrate as follows:

- Laminated, SGG VISION-LITE® STADIP PROTECT with low-reflective coating on both external sides.
- Monolithic, SGG VISION-LITE® II “to be tempered glass”, with low-reflective coating on both sides.
- SGG SEMI VISION-LITE® II, for tempered-to be laminated glass, with a low-reflective coating on one side.

Product	Thickness	Size*
SGG VISION-LITE® STADIP PROTECT	44.2, 55.2, 64.2, 66.2, 88.2, 1010.2	6000 x 3210** *other sizes available on request
SGG VISION-LITE® II	4, 6, 8, 10	**a trimming of 2 cm over the edges should be considered
SGG SEMI VISION-LITE®	4, 6, 8, 10	

PROCESSING AND INSTALLATION

SGG 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 SGG 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.

SGG VISION-LITE®, SGG PLANICLEAR®, SGG DIAMANT®, SGG STADIP® PROTECT, SGG STADIP® SILENCE are trademarks.
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