

VISION-LITE



Description

The high transparency of VISION-LITE' provides perfect vision of objects. The vision of the observer through the glass is not affected by reflections from light or from the surrounding environment; the rendering and contrast of color is always clear.

The anti-reflective effect is achieved by providing an anti-reflective coating on both sides of the single glazed glass. have an anti-reflective coating. For double-glazed units, the anti-reflective coating is used on all four sides.

APPLICATIONS

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

Internal:

- Show 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 railroads, motorways, and airports, etc.

External:

- Shopfronts and showrooms;
- Glazed zones in panoramic restaurants;
- Control towers, control rooms, and observation rooms;
- Screens to keep apart onlookers in terraced stadiums

RANGE

VISION-LITE on DIAMANT substrate is available 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

PROCESSING AND INSTALLATION

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

Important notes:

- For horizontal interior applications (museum show cabinets, racks, tables, etc), safety measures must be taken to dodge frequent and over the top finger marks and the risk of scratching.
- The residual reflectance of VISION-LITE with two low reflective coated sides is very low (around 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.

PERFORMANCES

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