

ISOLAR VISOREX® white
PERFECT ILLUMINATION
THROUGH LIGHT DIFFUSION



ISOLAR VISOREX® white

With ISOLAR VISOREX® white you benefit from the properties of highly thermally insulating double or triple glazing along with effective light diffusion. ISOLAR VISOREX® white is a translucent glass that makes optimum use of daylight and diffuses light evenly through the room without casting shadows. This substantially reduces glare from direct solar radiation.

The classic application for ISOLAR VISOREX® white is as roof glazing, where the characteristics of laminated safety glass are combined with the solar and photometric properties of an innovative coating. Additional requirements like a high level of sun protection, coloured designs, fall protection functions and much more can be readily realised.

PRODUCT DESIGN ISOLAR VISOREX® WHITE

- ▶ Fleece insert
- ▶ Always translucent

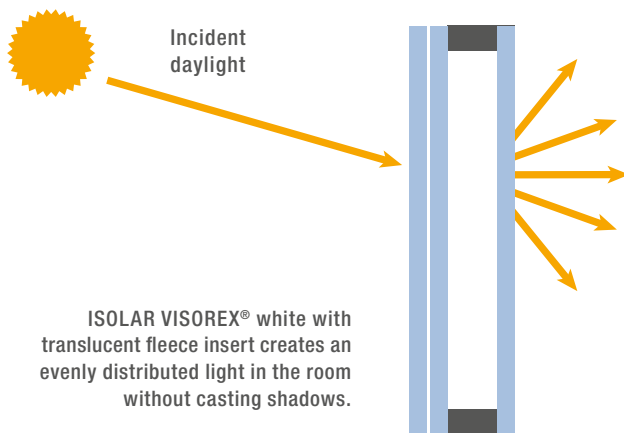
PRODUCT BENEFITS

- ▶ High natural light transmission
- ▶ Light diffusion – light evenly distributed to room without casting shadows
- ▶ Reduces need for artificial light; energy-saving
- ▶ Improves illumination deep into the room
- ▶ Translucent glazing – for areas requiring privacy
- ▶ Unique look due to fleece insert

PRODUCT RANGE

- ▶ Available as thermally insulating and sun-protection glass
- ▶ Optional anti-burglary protection
- ▶ Optional sound insulation

FUNCTION OF ISOLAR VISOREX® WHITE



AREAS OF APPLICATION

- ▶ Roof glazing
- ▶ Museums
- ▶ Sports halls
- ▶ Swimming pools
- ▶ As interior room dividers
- ▶ For all areas that need light but where transparency is not required





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Photometric values

Glass type ISOLAR VISOREX® white	Glass assembly	U_g in W/m^2K	Light transmission in %	Energy transmittance g value in %	Light reflection in %	Thickness in mm (tolerance depending on type)	Weight in kg/m^2
// 47.37	4 / v / 4 / 16 / : 4	1,0	47 %	37 %	32 %	28-29	30
// 32.26	4 / w / 4 / 16 / : 4	1,0	32 %	26 %	42 %	28-29	30
/// 43.32	4 / v / 4 / 14 / : 4 / 14 / : 4	0,6	43 %	32 %	33 %	44-45	40
/// 29.23	4 / w / 4 / 14 / : 4 / 14 / : 4	0,6	29 %	23 %	43 %	44-45	40

In the model used by EN 410 directional light is assumed. This assumption no longer applies to light-scattering samples (e.g. ISOLAR VISOREX®). This is why the values obtained based on EN 410 have a greater inaccuracy, because the measuring results on light-scattering samples are highly dependent on the spectrometer used and the measuring geometry.



CONTACT US – WE'RE HERE TO HELP

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