

Solar Control Glass



- ✓ absorbent glass available: Parsol or Planibel
- ✓ available selective glass: Cool-Lite SKN (154, 165, 176), Guardian Sun (35, 39)
- ✓ reflective glass available: Mirastar, Stopsol, Cool-Lite ST, Cool-Lite STB
- ✓ the possibility of limiting the amount of heat entering the interior
- ✓ the possibility of limiting the amount of light entering the interior

Panes that reduce the flow of light and solar energy into the room. Solar control panes are offered with selective, absorbing or reflective glass.

Selective glass is coated on the exterior side with a special layer that reduces the amount of solar energy entering the building, while maintaining a relatively high level of light transmission. Sun protection glass can reduce costs related to the use of air conditioners during summer. This glass is available only for insulating glass units and cannot be used in single panes. Using high-quality selective glass, such as Guardian Sun, ensures easier temperature control inside the building throughout the year and can limit the effects of UV radiation.

Absorbing glass tinted in brown, gray, green or blue throughout. Glass absorbs the sun's rays, reducing light transmittance and the amount of solar energy inside the building. A sun protection glass can reduce the costs associated with the use of air conditioners in the summer while limiting the use of sunshades. This glass can be used as single or double glazing.

Colorless or body-tinted **reflective glass**, brown, gray, green or blue. The glass is coated with metal oxide, thanks to which the light radiation is reflected from the glass, which creates (comparatively) a mirror effect. It also allows for the simultaneous reduction of solar energy penetration. This glass can be - depending on the type of coating - used as single or double glazing.