

SWK6

the guarantee of an optimal balance between thermal and visual comfort.



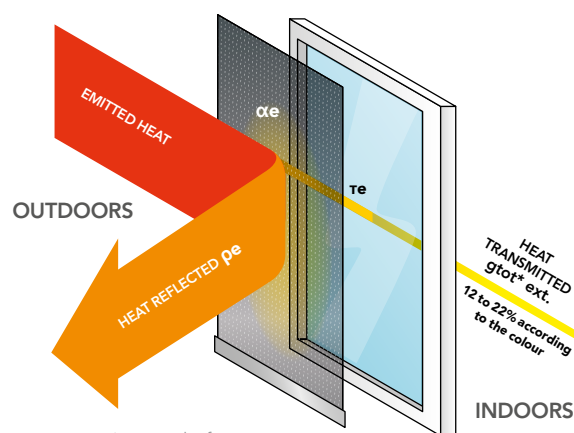
> THERMAL COMFORT

building energy efficiency

As a natural air-conditioner, SWK6 is an essential stepping-stone to achieving the COP 21 goals. It is perfectly adapted to the service and residential sector for indoor and outdoor use

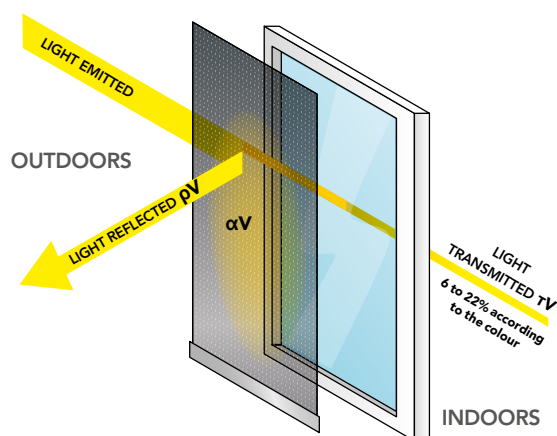
SWK6 :

- Rejects up to 94% of heat in summer, reducing the need for air conditioning
- Cuts heating costs in winter



t_e : solar transmission
 p_e : solar reflection
 α_e : solar absorption

* g_{tot} : solar factor for the combination of fabric + reference glazing C



t_V : visual transmission
 p_V : visual reflection
 α_V : visual absorption

> VISUAL COMFORT

user well-being

The 6% opening coefficient of SWK6:

- Controls glare
- Offers excellent visual contact with the outside while protecting privacy inside
- Provides sufficient natural light, reducing the need for artificial lighting

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> MAXIMUM RESISTANCE

a fabric that stands the test of time

- The thinnest and lightest screen fabric on the market, SWK6 offers 5 x the tear propagation resistance of fiberglass.



300 g/m²



0.42 mm



- 1 Textile ply formed by weaving high-strength polyester yarn
- 2 Binder yarn secures the textile ply but allows the threads to move independently of each other, thereby distributing and absorbing the mechanical energy in the event of tearing.
- 3 A special coating that protects colours from UV rays and inclement weather.

> SUSTAINABLE DEVELOPMENT

SSWK6 is manufactured in France, in compliance with the REACH regulation and is ISO 9001 Quality Management System and ISO 14001 Environmental Management System certified.

SWK6 has a low carbon footprint (1.6 kg CO₂ equivalent) due in particular to its weight of 300 g/m² and controlled material quantity. EPD (Environmental Product Declaration) available on request.

Used with SWK6, the impact of dynamic solar protection on the energy gain and reduced carbon footprint of a building in the European Union is 22% on average (source: ES-SO).

SWK6 reduces the building's environmental footprint throughout its lifetime.

SWK6 is certified A+ and Greenguard Gold to guarantee consistent indoor air quality.

By guaranteeing thermal, visual and acoustic comfort, energy performance and indoor air quality, SWK6 is a major ally in obtaining HQE, BREEAM or LEED certification.

SWK6 supports your recycling policy and gives a new lease of life to your waste through its «RE-SOURCE» program. Partnership charter available on request.

Our BIM object is available for your digital mock-up via the BIM OBJECT platform (www.bimobject.com)