SOLAR SCREEN®
Smart Solutions for Windows

coatek
HIGH PERFORMANCE GLASS COATING & FILM

## SAFE 4 C

Safe 4 C films are perfectly transparent and help secure your windows by ensuring that the glass does not shatter, remaining transparent and retaining its overall integrity in the event of an impact, explosion or fire. Comply with European Standard EN 12600.

SOLAR SCREEN® Warranty
**10 YEARS**

Fire-resistance rating
**M1**

Storage from -5°C to +40°C
**3 YEARS**

European Standard EN 12600
**2B2**

REACH RoHS compliant
**RESPECTED**

## WIDTHS AVAILABLE:

**122 cm**

**152 cm**

**183 cm**

## TECHNICAL DATASHEET

Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

| | |
|---|---|
| Ultraviolet transmission | 5 % |
| Visible light transmission | 85 % |
| Reflection of external visible light | 11 % |
| Reflection of internal visible light | 11 % |
| Total solar energy rejected | 19 % |
| Total solar energy rejected 2 | 19 % |
| Solar ratio : | |
| Solar energy reflection | 9 % |
| Solar energy absorption | 14 % |
| Solar energy transmission | 77 % |
| Reduction in Solar Glare | 14 % |
| g-value | 0.83 |
| u-value | 5.7 |
| Shading coefficient | 0.9 |

| | |
|---|---|
| Installation type | Internal application |
| Roll length | 30,5 m |
| PET / PVC composition | PET |
| Thickness | 120 µ |

Colour : TRANSPARENT

## INSTALLATION ADVICE

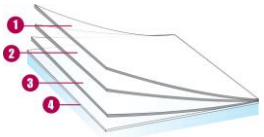
Valid for vertical glazed surfaces and areas not exceeding 2.5 m2

| | |
|---|---|
| Clear single pane | ✓ |
| Tinted single pane | ✓ |
| Reflective tinted single pane | ✓ |
| Clear double pane | ✓ |
| Tinted double pane | ✓ |
| Reflective tinted double pane | ✓ |
| Gas-filled double pane - Low E | ✓ |
| STADIP clear double pane | ✓ |
| STADIP INT. clear double pane | ✓ |

✓Yes ! Caution ✗No

## CONSTRUCTION

**1.** "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
**2.** High optical quality polyester
**3.** Reinforced PS Adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
**4.** Protection release liner, disposable after installation




## MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. sun pose 0808 or 0805 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

*Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time.*

**SOLAR SCREEN® EUROPEAN SALES CENTER 204 ROUTE D'ARLON L-8010 STRASSEN TEL : +352 26 00 84 82 WWW.SOLARSCREEN.EU**