



## PROTEC 4 C

Protec 4 C solvent resistant films provide highly effective protection against tags and graffiti. The film's protective qualities are not limited to solvents, it will also shield a window's surface from other acts of vandalism involving scratching or acid etching. An easy film to install and replace, it is also classed as a security film, providing protection by holding shattered glass in place in the event of an explosion, impact or fire. Standard EN45545-1 level HL3.



Fire-resistance rating  
**M1**



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



REACH RoHS compliant  
**RESPECTED**

### TECHNICAL DATA

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

Ultraviolet transmission	2%
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
Tensile strength (kg/cm <sup>2</sup> )	25
Elongation at break	125%
Installation type	Interior
Roll length	30,5 m
Film composition	PET
Thickness	120 µ
Colour from the outside	Transparent

### MAINTENANCE

Use soapy water solution for cleaning. Do not clean for at least a month after installation and do not apply any type of stickers or adhesive on the film. For more information read our maintenance instructions and quality standards on [www.solfilmsgrossisten.se](http://www.solfilmsgrossisten.se)

### INSTALLATION ADVICE

Vertical installation and on standard glass surface \*

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 EXT. clear double pane	✓
STADIP INT. clear double pane	✓

✓ Yes ! Caution ✗ Not

Recommended

\* Recommendations provided on the basis of a glazed surface covering up to 2.5 m<sup>2</sup>.

### CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester
3. Half permanent adhesive that will ease the removal of the film from the window
4. Protection release liner, disposable after installation

