



## X<sup>e</sup> PS 8 Technical Data

● Solar Energy Transmission .....	77%
● Solar Energy Reflection - Exterior.....	08%
● Solar Energy Absorption .....	14%
● Visible Light Transmission.....	87%
● Visible Light Reflection - Exterior .....	09%
- Interior.....	10%
● UV Transmission .....	<1%
● Shading Coefficient (b Value) .....	0.92
● Emissivity.....	0.84
● U-Value (EN 673 W/m <sup>2</sup> K) .....	5.6
● Glare Reduction .....	1%
● Coefficient of Total Energy Transmission (g Value) .....	0.80
● Thickness without Liner (Micron).....	224
● Total Solar Energy Rejected.....	20%

## Characteristics & Benefits

- **Safety Film: Safe glass breakage conformity with EN 12 600, ASTM 1886 ASTM 1996**
- Excellence Transparency
- Nearly invisible, once installed.
- UV protection only in the adhesive layer. Minimal protection against fading of textiles, furniture, and works of art.
- **Scratch resistance coating:** Durability of film due to easier cleaning and maintenance. Faster and easier installation.
- **High-end, water soluble, extremely heat resistant adhesive with immediate agglomerating power when pressing:** Faster and easier removal of adhesive residues on the window pane after peeling off the film (time saving).
- Safety against bomb blast shatter resistant.
- Meeting the GSA standard 3 low hazard high protection.

## Features

<b>Tensile Strength</b>	-Machine direction	<b>204 N/mm<sup>2</sup></b>
	-Transverse direction	<b>167 N/mm<sup>2</sup></b>
<b>Yield Strength</b>	-Machine direction	<b>104 N/mm<sup>2</sup></b>
	-Transverse direction	<b>108 N/mm<sup>2</sup></b>
<b>Elongation at Break</b>	-Machine direction	<b>86%</b>
	-Transverse direction	<b>108%</b>
<b>Elongation at Yield</b>	-Machine direction	<b>7%</b>
	-Transverse direction	<b>7%</b>