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X^e PS 7 Technical Data

- Solar Energy Transmission 81%
- Solar Energy Reflection - Exterior..... 09%
- Solar Energy Absorption 10%
- Visible Light Transmission..... 88%
- Visible Light Reflection - Exterior 08%
- Interior 08%
- UV Transmission <1%
- Shading Coefficient (b Value) 0.96
- Emissivity 0.89
- U-Value (EN 673 W/m²K) 5.69
- Glare Reduction 0%
- Coefficient of Total Energy Transmission (g Value) 0.83
- Thickness without Liner..... 193µ
- Total Solar Energy Rejected..... 16%

Characteristics & Benefits

- **Safety Film: Safe glass breakage conformity with EN 12 600**
- 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).

Features

| | | |
|----------------------------|-----------------------|-----------------------------|
| Tensile Strenght | -Machine direction | 199 N/mm² |
| | -Transverse direction | 148 N/mm² |
| Yeild Strength | -Machine direction | 102 N/mm² |
| | -Transverse direction | 107 N/mm² |
| Elongation at Break | -Machine direction | 70% |
| | -Transverse direction | 85% |
| Elongation at Yeild | -Machine direction | 6.5% |
| | -Transverse direction | 8 % |