



## WINSHIELD UVX- PRODUCT INFORMATION

WINSHIELD UVX is a decorative film for lamination with PVC-U windows profiles for out door use.

<b>Product</b>	Multi-layered product comprising a semi-rigid, printed or unicolour base film, and an acrylic top layer film for increased weather resistance.
<b>Application</b>	Lamination to PVC-U window profiles and Doors for outdoor use
<b>Weather Resistance</b>	Meets the demands of the RAL-GZ 716/1, section 1, part 7, when tested by means of artificial weathering in accordance with DIN EN 513, up to a radiation dose of 16 GJ/m <sup>2</sup> . In addition, after min. 11000 light hours of accelerated UV-B weathering in QUV tester, at 313 nm, in accordance with ASTM G 53, the samples remained serviceable. Installation of the laminated product should be restricted areas north of latitude 46° (e.g. Central and Northern Europe); and to altitudes below 1800 m.
<b>Temperature Resistance</b>	No change in embossing, gloss or colour at short term high temperature (exposures 10 min at 100°C), or longer exposures at moderately high temperature (24 h at 65°C)
<b>Welding</b>	When welding of the profiles is carried out as per the Manufacturers' instructions, there should be no adverse effect on the film. Bending of the profiles at temperatures of 130°C can lead to glossing up of the surface.
<b>Chemical Resistance</b>	Resistant to normal household cleaning agents, as well as to petrol, motor oil, olive oil and milk. Not resistant to organic solvents, including paint-thinners and varnish-removers.
<b>Maintenance</b>	Appropriate cleaning with standard household cleaning agents, excluding abrasive products. Further maintenance is not necessary.
<b>Thickness</b>	<b>200 µm ± 15 µm</b>
<b>Thickness of Acrylic Top Layer</b>	≥ 50 µm
<b>Tensile Strength</b>	> 20N/mm <sup>2</sup>
<b>Elongation at Break</b>	> 80%
<b>Dimensional Stability</b>	Max. 4% (10min 100°C) Max. 2.5% (10min 60°C)