

ORAGUARD® PPF2815MF+

Paint Protection Film

Short description

Surface-functionalised polyurethane film, transparent, matt with excellent UV resistance and self-healing surface. The surface has a low surface energy (lotus effect) and a particularly high resistance to chemicals. The migration of dirt is prevented effectively in the film through the surface coating - meaning that the 2815MF+ is resistant to yellowing.

Front material

Polyurethane, 0.16 mm

Liner

PET film, single-side silicone coated

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.04 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate	
	10 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Water, Sulphuric acid (10 %), Hydrochloric acid (10 %), Bird droppings (pancreatin), Tree resin, Fuels, Motor oil, Isopropyl alcohol	immerse for: 1 hour (water, acid), 30 min (pancreatin, tree resin), 10 min (isopropanol, fuel, engine oil), check after 24 hours at RT
Maximum shrinkage	Maximum shrinkage along 0.2 mm Maximum shrinkage across 0.2 mm	adhered to steel FINAT TM 14, average value
Elongation at break	Minimum elongation at break along 300 % Minimum elongation at break across 300 %	DIN EN ISO 527

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Tensile strength	Minimum tensile strength along 29 N/mm ² Minimum tensile strength across 29 N/mm ²	DIN EN ISO 527
Stone chip resistance	Passed	To SAE J400 2.4L gravel
Temperature resistance	Minimum temperature -40 °C Maximum temperature 100 °C	

ADHESIVE PROPERTIES

Adhesive power	17 N/25 mm	after 24 h, on stainless steel Average value, FINAT TM 1
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PROCESSING

Application temperature	Minimum temperature 10 °C	
Proposed application technology	Wet application	Wet application procedure with ORAFOL Application Gel

PRODUCT NOTE

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. We recommend wet application of the film.

IMPORTANT NOTES

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