

Intended use

Mipa PROtect Raincoat is a highly effective glass sealer to make glass surfaces water-repellent.

Characteristic features of application and surface protection are:

Mipa PROtect Raincoat is applied in a very thin, even layer on the glass surface and must be polished after a short drying time. The resulting, very thin protection film is invisible and assures a very efficient water repellence due to its special chemical formulation.

Glass surfaces sealed with Mipa PROtect Raincoat guarantee a durable water repellence, which has the following advantages when applied on windscreens:

At a speed of 70 km/h, raindrops are pushed aside which reduces considerably the use of windscreen wipers.

Reduces the blinding effect when raining.

During the winter season, hydrophobising impedes the formation of ice layers so that de-icing is much easier. Stubborn stains, such as those of insects, can be removed easily.


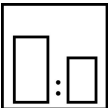



Beside the application on windscreens, Mipa PROtect Raincoat can also be applied on other glass surfaces. Examples:

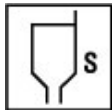
Glass shower screens, ceramic surfaces and glazed wall tiles can be sealed with Mipa PROtect Raincoat to make them easy to clean. Furthermore, this product helps to prevent water stains and limescale.

Glass roofs of conservatories and terrace roofs, rooflights and so on can be sealed with Mipa PROtect Raincoat and are then easier to clean. Moreover, the water-repellent effect reduces significantly the growth of algae.

Spreading rate: 15 - 30 ml per m²

Processing instructions

	Colour colourless		
	Mixing ratio	by weight (lacquer : hardener)	by volume (lacquer : hardener)
	Hardener --	--	--
	Hardener	for complete paintwork	for partial paintwork
	--	--	--
	Pot life --		
	Thinner --		



Spray viscosity
 gravity spray gun

Airmix/Airless

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Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
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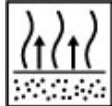
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Flash-off time

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Dry coat thickness

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Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
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Note

Storage: at least 1 year in unopened original containers.

VOC Regulation : EU limit value for this product (category B/e): 840 g/l
 This product contains max. 780 g/l of VOC.

Processing conditions: from 5 °C up to max. 30 °C, between 30 and 80 % relative air humidity. Assure adequate air ventilation.

Processing instructions: Do not use on heated surfaces. Do not apply at direct sunlight. Please note that the product must be applied in a clean environment.

Pretreatment:

Attention: To assure an effective and permanent protection it's absolutely necessary that the pre-cleaning is made very thoroughly before applying Mipa PROtect Raincoat. Dirt, insect residues, residues of polish and waxes as well as grease and lubricant must be removed completely.

Manual for a set consisting of:
1 x 50 ml PROTECT Raincoat
1 x microfibre cloth
2 x application sponges

Shake well the bottle with Mipa PROtect Raincoat. Put some drops of Mipa PROTECT Raincoat on the sponge. We recommend pressing the application sponge on the opening of the bottle and turning it quickly over so that only a small quantity is sucked up by the sponge. Apply fast a very thin layer of Mipa PROTECT Raincoat and spread it evenly on the glass surface. To assure a very homogeneous result, it is necessary to apply this product without lab marks.

After 5-10 minutes drying time at 20 - 25°C use a microfibre cloth to polish the surface in a circular motion until an even finish is achieved.

Drying time:

The water-repellent effect of Mipa PROTECT Raincoat is generated after approx. 15 minutes drying time at 20 - 25°C. Then the protective coat is resistant and can be exposed to rain.

Expected lifespan:

Depending on impacts of UV radiation and weather, frequency and intensity of car care/ car wash and operational stresses (frequency of using wipers) the lifespan ranges from several months to one year.