

MC 340S

General Purpose, Solvent-Based Silane-Siloxane Primer

Product Properties

- One-component general purpose hydrophobic agent based on silane-siloxane
- Excellent water repellency
- High alkali resistant
- Excellent permeability and sealing properties
- Excellent penetration and adhesion to surfaces
- Effective on damp surface
- Tack-free drying
- Easy application and fast drying

Areas of Application

- Concrete and masonry surfaces such as mortar, masonry blocks
- PC panels, GRC panels, hard & soft boards
- Previously painted non-chalking or non-glossy surfaces
- Suitable for both indoor and outdoor applications

Application Notes

Substrate Preparation

Surface to be coated must be clean and free from all loose particles, dust, oil and any other contaminants. The required surface tensile strength must be in compliance with technical regulations. The substrate must be absorbent. Water-saturated or wet substrate should not be applied with MC340S as it will not be able to penetrate into the substrate.

See leaflets 'General Application Advice for Surface Protection Systems'.

Application

MC 340S is ready-to-use and must be mixed thoroughly before application. It can be applied using spray, brush or roller.

When rolling, use a lambswool roller. A maximum addition of 10% waterflooding, preferably not under pressure, is the best technique for applying MC 340S without dilution.

When brushing, apply unthinned, laid on, and do not over brush. Generally, 2 applications are sufficient for all substrates. Do not leave long breaks between coats. The subsequent coat(s) must be applied when the substrate has absorbed the previous coat and the surface is no longer shiny. The substrate must not have damp spots.

Apply in conditions of good ventilation which must be maintained throughout the drying and curing period. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time, the relative humidity should not exceed 90% and the surface temperature is at least 3°C above the dew point.

General Information

Coverage rates and consumption are determined by substrate properties and condition and may slightly vary.

The amount of MC 340S required for a substrate and effectiveness of the impregnation should be determined on site by testing a small area of the material to be treated.

Hydrophobic impregnator is generally used in the course of protection and repair measures. As an independent measure, it reduces the capillary absorption of water; however this effect is only temporary.

Hydrophobic impregnator should therefore be renewed at certain intervals

Technical Data for MC 340S

Characteristic	Unit	Value	Comments
Specific Gravity		0.80	at 25°C
Drying Time	hours	1	surface dry
Ready for Overcoating	hours	6-8 hours	with MC 320 S or MC 330S
Flash Point	°C	> 63	closed cup
Coverage**	m ² /litre	12 – 16	
Application Conditions	°C	25 – 40	air, material and substrate temp.
	%	< 90	relative humidity
	°C	3	above dew point

Product Characteristics for MC 340S

Cleaning agent	GP Thinner
Colour	Clear to Straw
Delivery	20 litres and 200 litres tub
Storage	Can be stored in cool and dry conditions for at least 24 months in original unopened packs
Disposal	In the interest of the environment, please empty all containers completely & dispose of in accordance with local regulations.

** The coverage rates depend on the roughness, porosity and type of substrate. To determine the object specific coverage, we recommend to apply a sample area.

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets.

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 07/16. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.

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