

# MC 330S

## Ready-to-use, Solvent-based Pigmented (MMA) Surface Protection System

### Product Properties

- One-component methyl methacrylate (MMA), solvent-based
- Excellent barrier to carbon dioxide, chloride ions, sulphates, oxygen and water
- Open to water vapour diffusion
- UV resistant
- Immune to fungal attack
- Resistant to dirt pick-up
- Wide range of decorative colours
- Gloss finish

### Areas of Application

- Surface protection system for reinforced concrete, masonry and steel structures against attack by acid gases, chloride ions, sulphates, oxygen and water
- Suitable for use on all types of structures especially those in aggressive marine and coastal environments.
- Suitable for new and existing structures

### Application Notes

#### Substrate Preparation

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

Surface to be coated must be clean and free from all loose particles, dust, oil and any other contaminants. This is best achieved by lightly grit-blasting the surfaces. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

Where application over existing sound coating is desired, trials should be conducted to ensure compatibility and retention of bond between underlying coating and substrate.

To achieve an unbroken coating of MC 330S, surfaces containing blow-holes or similar areas of pitting should first be filled.

#### Application

MC 330S is ready-to-use and must be mixed thoroughly before application. It can be applied using suitable brush or roller. Spray application should be carried out in accordance to proper specification and spray techniques.

Apply in conditions of good ventilation which must be maintained throughout the drying and curing period.

Application should not commence if the temperature of the substrate is below 2°C

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#### Overcoating

MC 330S must always be applied in two layers. See table "Technical Data" for overcoating time.

#### General Information

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

The colouring effect on the object also depends on a number of factors, e.g. the light, the perspective, the surrounding and substrate conditions (smooth/rough, absorbent/impervious). The colouring effect is therefore often a matter of subjective judgement. Choosing a shade from small colour chart is difficult. We therefore recommend to apply a trial area with the chosen system/colour code. Joining areas should only be applied with material from the same batch

### Technical Data for MC 330S

Characteristic	Unit	Value	Comments
Binder		Methyl Methacrylate	
Solid Content	%	approx. 43%	by volume, depending on colour
Drying Time	hours	½ 4-6	Surface Dry Hard Dry
Overcoating	hours	4-6	with MC 330S
Dry Film Thickness	microns	75	per coat
Coverage**	m <sup>2</sup> /litre	6	per coat, at DFT of 75µm
Flash Point	°C	> 35	
Application conditions	°C	>2	

### Product Characteristics for MC 330S

Cleaning agent	MC Thinner L.2358
Colour	Range of Colours
Finish	Glossy
Delivery	5 & 20 litres tub
Storage	Can be stored in cool and dry conditions for at least <b>12 months</b> 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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