

### PRODUCT DESCRIPTION

**Mapecoat S** is based on a low viscosity epoxy resin cured with a formulated polyamine.

### AREA OF USE

**Mapecoat S** is a solvent free epoxy for glass fibre reinforced epoxy coatings on steel or concrete. Can be used as a primer for **Mapecoat C** on concrete, or as an independent coating.

### WORKING INSTRUCTIONS

#### Concrete

The surface should be dry, clean and sound. Usual methods of surface preparation include grinding, sand blasting and milling. Vigorous steel brushing is also adequate for small areas. Surfaces must be vacuum cleaned before coating.

#### Steel

Steel surfaces should be sand blasted to a purity of SA 2.5 and the relative humidity maintained at 45% or lower to prevent oxidation. Grind or fill surface irregularities such as welded joints, splices and lugs to give a rounded profile. Correspondingly, corners and angles should be smoothed with **Maepoxy MS**, an epoxy knifing filler. To ensure bonding between the epoxy knifing filler and **Mapecoat S** broadcast the surface of the filler with dust free sand before hardening, or abrade the surface lightly after hardening. Surfaces must be vacuum cleaned before coating.

#### Mixing

The components should be between 15 – 20°C before mixing. Mix comp. A and comp. B together for 3 – 5 minutes using a slow drill with suitable whisk attachment.

### Application

The substrate temperature should be between 10 – 25°C during application, and at least 3°C above the dew point temperature.

For glass fibre lamination work general laminating tools can be used.

A brush or roller can be used for application as a coating.

### CLEANING

Equipment should be cleaned immediately after use with **Tynner**.

### SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HMS data sheet at [www.resconmapei.com](http://www.resconmapei.com).

### WARNING

*Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application; in every case, the user alone is fully responsible for any consequences deriving from the use of the product.*

*All deliveries from Rescon Mapei AS are made in accordance with the sale and delivery conditions applicable at the time, and these conditions are taken to be accepted on placement of an order.*

### TECHNICAL SPECIFICATIONS

Specific weight:	1.1 g/cm <sup>3</sup>
Viscosity:	Approx. 950 cps. at +25°C.
Pot life:	Ca. 2 hours at +20°C At higher temperatures, the pot life will be shorter. Curing at +20°C takes approx. 7 days, lower curing temperatures take considerably longer. Lowest curing and application temperature is +5°C.
Packaging:	Supplied in 16.5 kg sets.
Storage:	Stored frost free in unopened original packaging, product properties remain unchanged throughout the first 18 months.

### Produsent:

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