

PRODUCT DESCRIPTION

Mapecoat DV is a two component, solvent free product based on a low viscosity epoxy resin cured with a polyamine. Supplied as comp. A (resin) and comp. B (hardener).

Mapecoat DV has been approved by Folkehelsa (The Public Health Dept.) for use in contact with drinking water.

PRODUCTS

- **Mapecoat DV**
- **Mapecoat DV White**
- **Mapecoat DV Tix**

AREA OF USE

For use as an impregnation / coating in drinking water tanks and reservoirs. Can also be used as a pure impregnation, or mixed with dry clean sand as an epoxy mortar for repair work.

WORKING INSTRUCTIONS

Requirements to the concrete

Usual methods of surface preparation include sand blasting, grinding, steel brushing, or high pressure water jetting. Irrespective of method the surface should be free of dust and must be vacuum cleaned.

The concrete surface must be dry and sound before coating. Ideal application temperatures are +20-25°C, do not use below +10°C.

To ensure that moisture does not condense on the surface of the concrete or beneath the first coat check that the surface temperature before application is at least 3°C above the dew point temperature, otherwise bonding to the substrate may be impaired. Measurements of relative humidity and air temperature are necessary.

Mixing

Comp. A and comp. B should be between +15 - 25°C before mixing. If using partial quantities the

components must be weighed out in the correct mixing ratio. Add the hardener to the resin and mix for approx. 3 minutes with a slow drill and suitable whisk attachment.

Application / coating

Use **Mapecoat I** as primer approx. 0.2-0.3 kg/m², depending on the nature of the substrate. The substrate must be pore free.

For build-up of coating or paint use **Mapecoat DV** transparent or **Mapecoat DV White**.

It is very important that a thick continuous topping of **Mapecoat DV** is always applied lastly.

If there is more than 18 hours between coats, grind to a matt surface with sandpaper and dry with methylated spirit or **Tynner**.

Filling

Use **Mapecoat DV Tix** or **Mapecoxy Cem-S** to fill pores, cavities and damaged areas. Remember to top-coat with **Mapecoat DV**.

Cleaning

Brushes and rollers should be cleaned immediately with **Tynner**.

N.B.!

High concentrations of CO₂ generated by the use of heat during application may result in tacky surfaces after the product has hardened.

SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HSE data sheet at www.resconmapei.com.

WARNING

The technical recommendations and details given in this description represent our present knowledge and experience of the products. All the above information must nevertheless be treated as advisory and subject to due consideration.

Any person using the product must satisfy himself in advance that the product is suitable for the intended use.

Users will themselves be responsible if the product is used for other than the recommended purposes or is used incorrectly.

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 DATA		White	Transparent
Specific weight g/cm ³ :	Approx. 1.1	Approx. 1.1	1.1
Viscosity at +20°C, MPa·s:	Approx. 500	Approx. 2000	500
Colour:	(Mapecoat DV)	White	Transp.
Packaging:	The components are delivered in the correct mixing ratio	A: 3.4 kg B: 1 kg	A: 3 kg B: 1 kg
Storage:	Stored frost free in unopened packaging, product properties remain unchanged throughout the first 2 years.		
Consumption:	1 st coat: 0.2 - 0.5 kg/m ² 2 nd coat: 0.2 - 0.3 kg/m ² 3 rd coat: 0.2 kg/m ²		
Pot life:	at +30°C: Approx. 15 min. at +20°C: Approx. 40 min. at +10°C: Approx. 60 min.		
Max. time between coats:	18 hours at +20°C		
Hardness, Shore D, 1 day:		70	70
Hardness, Shore D, 1 week:		80	80

Produsent:

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