

# Mapecoat KB

## Chemical resistant epoxy coating

### PRODUCT DESCRIPTION

**Mapecoat KB** is a two component epoxy coating with very good chemical resistance. The product is available as transparent or coloured. The transparent has a slightly yellowish appearance. Unlike other chemical resistant epoxies, **Mapecoat KB** is colour stable for most applications.

### AREA OF USE

**Mapecoat KB** is especially suitable for floors in the chemical industry, or industry where spillage and leaking of chemicals occur. Also suitable for the food-, electrolysis -, woodworking- and processing industries.

**Mapecoat KB** can be used for thin or thick coatings. For coatings which are thicker than a roller coat, dry, clean sand should be added.

### WORKING INSTRUCTIONS

#### Preparation

The surface of the concrete should be clean and firm. Suitable cleaning methods include blasting, milling, sand blasting and grinding.

On vertical surfaces pores should be filled to ensure a continuous film.

The concrete must be dry and dust free. Care should be taken to prevent contamination which may occur when working. The work should be performed by specialists in thermosetting plastic floor coatings.

#### Priming

Old concrete floors should preferably be primed with **Mapecoat L-L**. New floors can be primed with **Mapecoat KB** transparent, alternatively **Mapecoat I** transparent. Use of **Mapecoat L-L** is often advantageous due to faster setting times. Bonding is ensured by scattering the wet primer with dry, clean sand. If the coating can be applied whilst the primer is still tacky then sand scattering is no longer necessary.

#### Mixing

The components should be between 15-20°C before and during mixing. Mix comp. A and comp. B together using a slow drill and whisk for approx. 3 minutes. Dry, clean sand may then be added, if required.

#### Application

Apply **Mapecoat KB** using suitable tools e.g. notched trowel, steel float etc. Use a paint roller for application when using as a topcoat on sand scattered surfaces.

#### Cleaning

**Tynner** (Rescon Mapei) can be used for cleaning. Cured material must be removed mechanically

#### N.B.!

High concentrations of CO<sub>2</sub> generated by the use of heat during application may lead to tacky discoloured surfaces.

### SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HSE data sheet at [www.resconmapei.no](http://www.resconmapei.no).

### 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	transparent	coloured
<b>Mapecoat KB Comp. A</b>		
Density Comp. A (resin) g/cm <sup>3</sup> :	1.15	1.25
Viscosity of mixture: at 20°C (cP) LV 3.20 rpm:	2000	2000
Viscosity of mixture at 5°C (cP) LV 3.20 rpm:		5800
Pot life at 20°C:	Approx. 35 min.	Approx. 35 min.
Shore 24 hours at 20°C:	D60	D60
Shore 7 days at 20°C:	D80	D80
<b>Mixing ratio:</b>		
Set size:	13.3 kg	15.0 kg
Comp. A (resin):	8.3 kg	10.0 kg
Comp. B (hardener):	5.0 kg	5.0 kg
Storage:	Stored frost free in unopened packaging, product properties remain unchanged throughout the first 18 months	

#### Produsent:

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