

PRODUCT DESCRIPTION

Mapefloor CPU-MF is a three component polyurethane mortar for floorings with high thermal, chemical and mechanical resistance

AREA OF USE

Mapefloor CPU-MF is especially suited as a heavy duty industrial flooring.

Mapefloor CPU-MF offers good wear resistance and chemical resistance.

DIRECTIONS FOR USE

Preparation

The surface of the concrete should be clean and mechanically sound. Abrasive blasting or milling are suitable methods of surface preparation. Surfaces must be dust free and dry before coating. The concrete strength should at minimum correspond to concrete class B-30.

Mixing

Mix **Mapefloor CPU-MF** using a slow powerful drill with whisk attachment. Mix Comp. A and Comp. B together for approx. 30 seconds. Add Comp. C and mix again until homogeneous. The mixing time required is dependent on the temperature of the mixture:

10 – 12°C	6 minutes
13 – 15°C	5 minutes
16 – 19°C	4 minutes
20 – 22°C	3 minutes
23 – 28°C	2 minutes

Primer

Use **Mapecoat Universal** as primer. Apply to substrate using a paint roller, consumption. 0.3 kg/m².

Broadcast the primer immediately with dry, clean sand 0.4 – 0.8 mm.

Coating

Mapefloor CPU-MF has a fluid consistency and should be applied using a steel float or levelling rake, in thicknesses 4 – 6 mm.

The minimum substrate temperature is +12°C.

Use a spiked roller to remove air bubbles from the coating after approx. 15 minutes (at 20°C).

Cleaning

Use Rescon Mapei **Tynner** for cleaning equipment. Cured material must be removed mechanically.

CHEMICAL RESISTANCE

Mapefloor CPU-MF must be allowed to cure for 7 days to achieve full chemical resistance against acids, alkalis, salts, oils and grease, solvents, aggressive gases and moisture.

SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HSE data sheet at 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	
<i>Specific weight:</i>	2,1 g/cm ³
<i>Mixing ratio A/B/C:</i>	2,5 / 2,9 / 24,6 by weight
<i>Consumption:</i>	6 mm 13 kg/m ² 9 mm 19 kg/m ²
<i>Shore D at +20°C:</i>	24 hours: 70 7 days: 80
<i>Chemical resistance::</i>	Excellent
<i>Pot life at +20°C:</i>	Approx. 25 minutes
<i>Completely cured after, at 20°C:</i>	1 week
<i>Coefficient of thermal expansion:</i>	ASTM C531-00: 2,9x10 ⁻⁵ mm/°C
<i>Storage:</i>	Stored frost free in unopened packaging product properties remain unchanged throughout the first 12 months.
<i>Flexural strength N/mm²:</i>	10,0 (1 day) 11,5 (7 days) 14,0 (28 days)
<i>Compressive strength (N/mm²):</i>	25 (1 day) 40 (7 days) 50 (28 days)

Produsent:

Rescon Mapei AS
Vallsetvegen 6, 2120 Sagstua, Norway
Tlf: +47 62 97 20 00 Fax: +47 62 97 20 99
post@resconmapei.no
www.resconmapei.com

Rescon Mapei AS
et selskap i

