

# POLYEPOXY MF/COAT 301



## DESCRIPTION

POLYEPOXY MF/COAT 301 is a solvent-free epoxy-filled intermediate and scratch coat. It adheres to the applied surface, and increases its impact strength and chemical resistance.

## FIELDS OF USAGE

- At the same time, it ensures that the coats that follow it on top adhere to the surface. It is used as a scratch coat thanks to its filling characteristic.

### NOTE :

- The ideal temperature of the surface should be between 15- 30°C. The temperature should never be below 10°C. Please consult the technical service of Marof Yapı for application on different floors.

## ADVANTAGES

- Does not contain any solvents.
- Easy to apply.
- Thanks to its self-leveling characteristic, it self-levels on the applied surface.
- Penetrates the capillary spaces in the concrete structure.
- Prevents dusting of concrete surfaces and increases the chemical and impact resistance of the concrete.
- It is used as a scratch and intermediate coat thanks to its filling characteristic.

## PREPARING THE SURFACE FOR APPLICATION

- The surface must be free from oil, rust, dust and similar impurities.
- There should be no moisture or loose layers on the application surface.

## APPLICATION

- The glossy surface should be roughened with shot-blast, slim or freeze.
- The prepared concrete surface should be primed with POLYEPOXY EMP/PR 100, the solvent-free epoxy impregnated concrete primer, taking into account the application instructions
- Cracks and holes on the surface, if any, should be repaired using epoxy putty.
- If there is no need for filling or quartz sprinkling

on the surface, the bubbles caused by the spiked roller are removed.

- If filler or quartz is sprinkled on it, free quartzes are swept away after 24 hours.
- After the surface process is done with a scraper or rotary trowel, POLYEPOXY MF/COAT 301, the solvent-free intermediate coat paint, is applied as a scratch coat by using the flat side of the trowel. After reaching the touching hardness, the desired top coat is applied.

## CONSUMPTION

- Consumption varies based on the desired film thickness (approximately 1700 g for 1 mm thickness).

## SHELF LIFE AND STORAGE

- Shelf life is at least 12 months under proper storage conditions.
- It should be stored at 15 - 25°C and in a damp-free and closed space out of direct sunlight, and as unopened, in its original package.

## TOOL CLEANING

- Tools should be washed with plenty of water immediately after use, and after drying, the remaining parts should be cleaned with thinner.

## PACKAGING

- Total Net: 20 kg (A: 17,00 kg /B: 3,00 kg)

## CAUTION

- The ideal temperature of the surface should be between 15°C - 30°C. The temperature should never be below 10°C.
- Floor and ambient temperature and humidity should be taken into account in applications made in open and closed spaces.
- The relative humidity of the floor should be below 4% and ambient humidity should be below 80%.
- It should not be touched for 24 hours after the application and should not come into contact with water.

- During the application, appropriate amount of mixture should be prepared, and the application should continue until all of this mixture is consumed.
- The full hardening time of POLYEPOXY MF/COAT 301, which is applied at 20 – 25 °C, is 7 days on average at room temperature.
- Skin and eye contact of the mixture or components should be avoided, in case of contact, it should be washed with plenty of water, and individuals should consult a doctor. Protective gloves, clothing and glasses should be used, and the product should be kept away from children.
- POLYEPOXY MF/ applied at 20 – 25 °C COAT 301 has an average price of 7 for the full hardening time of one room.



## TECHNICAL SPECIFICATIONS

Number of Components	2
Mixture Ratio (by weight)	A/B 85/15
Mixture Density (g/cm <sup>3</sup> , 20°C) (TS EN ISO 2811-1)	1,70 ± 0,10
Mixture Life (min., 23°C, 100 ml) (DIN16945)	40 - 60
Mixture Viscosity (mPas, 25°C) (EN ISO 3219)	800 – 1300
Drying Time (23°C) (TS 4317)	Touching : 8 - 10 hours
	Full Hardening (Week) 1



## CAUTION

MAROF YAPI is not responsible for any defects or errors that may arise if the product is used on a surface or for properties other than described above.