

POLYEPOXY PR-160



DESCRIPTION



POLYEPOXY PR-160 is a solvent-free epoxy primer. It adheres to the applied surface, and increases its impact strength and chemical resistance.

one quartz is applied on the prepared and primed surface.

- If necessary, quartz is sprinkled on it.
- After 24 hours, free quartzes are swept away.
- After the surface process is done with a scraper or rotary trowel, a scratch coat is made and the final coat is applied.

FIELDS OF USAGE



- It ensures that the following coats and/or the fillings sprinkled on it before it is fully cured adhere to the surface.

CONSUMPTION



- Consumption varies according to the desired film thickness (400 g/m: 350 – 370 µ).

NOTE:

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

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.

ADVANTAGES



- Does not contain any solvents.
- Easy to apply since it has low viscosity.
- Prevents dusting on the applied surface.
- Penetrates the capillary spaces in the concrete structure and blocks the spaces.
- Increases the chemical and impact resistance of concrete.
- Resistant to cold grease and mechanical oils used in repair and maintenance works.

TOOL CLEANING



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

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.

PACKAGING



- Total Net: 18 kg (A: 11.70 kg / B: 6.30 kg)

APPLICATION



- The glossy surface should be roughened with shot-blast, slim or freeze.
- The prepared concrete surface should be primed with POLYEPOXY EMP-PR100, 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.
- POLYEPOXY PR-160, the solvent-free epoxy concrete primer, and/or a mixture made with one-to-

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 be-

low 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 PR-160, which is applied at 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.

TECHNICAL SPECIFICATIONS



Number of Components	2
Mixture Ratio (by weight)	A/B 70/30
Mixture Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,08 ± 0,10
Mixture Life (min., 23°C, 100 ml) (DIN16945)	25 - 40
Mixture Viscosity (mPas, 25°C) (EN ISO 3219)	400 – 700
Drying Time (23°C) (TS 4317)	Touching : 10 - 12 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.