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.

FIELDS OF USAGE



NOTE:

to the surface.

 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.

lings sprinkled on it before it is fully cured adhere

ADVANTAGES

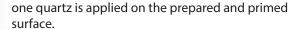
- · Does not contain any solvents.
- Easy to apply since it has low viscosity.
- Prevents dusting on the applied surface.
- Penetrates the capillary spaces in the concrete structure and blocks the spaces.
- · Increases the chemical and impact resistance of
- · Resistant to cold grease and mechanical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

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-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-



- 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.



CONSUMPTION

· Consumption varies according to the desired film thickness (400 g/m: $350 - 370 \mu$).



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 dampfree 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: 18 kg (A: 11.70 kg / B: 6.30 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 be-

MAROE

POLYEPOXY PR-160

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/cm3, 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.