

POLYEPOXY PR 110



DESCRIPTION



POLYEPOXY PR 110 is an epoxy-based, two-component and damp-tolerant primer with low viscosity. It is a primer and penetration material for concrete and cement-based mineral surfaces. Thanks to its surface tolerance, it provides good adhesion to damp surfaces. By means of its low viscosity, it penetrates the surface very well. It increases the impact strength and chemical resistance of the applied surface.

FIELDS OF USAGE



- Since it does not contain solvents and active substances, it can be used in closed areas without any problems.
- At the same time, it ensures that the layers that follow it on top adhere to the surface.
- It is used as a primer for polyurethane and polyurea floor coatings.

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.

ADVANTAGES



- Does not contain any solvents.
- Easy to apply since it has low viscosity.
- Prevents dusting on the applied surface.
- Resistant to cold grease and mechanical oils used in repair and maintenance works.
- Penetrates the capillary spaces in the concrete structure and blocks the spaces.
- Provides excellent penetration and adherence to cement-based surfaces.
- It is used as a primer and binder in concrete repairs to protect concrete surfaces against abrasion, dusting and chemicals by impregnating under all kinds of epoxy and polyurethane-based coatings.

PREPARING THE SURFACE FOR APPLICATION



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

APPLICATION



- The glossy surface should be roughened with shot-blast, slim or freeze. POLYEPOXY PR 110, the solvent-free epoxy damp-tolerant primer, is applied on the prepared surface with a brush or roller.
- Cracks and holes on the surface, if any, should be repaired using epoxy putty.
- The subsequent epoxy, polyurethane and/or polyurea are applied on the primed surface.

CONSUMPTION



- Consumption varies based on the application surface.

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: 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.
- During the application, appropriate amount of mixture should be prepared, and the application should continue until all of this mixture is consumed.
- 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 65/35
Mixture Density (g/cm ³ , 20°C) (TS EN ISO2811-1)	1,08 ±0,10
Mixture Life (min., 23°C, 100 ml) (DIN16945)	40 –80
Mixture Viscosity (mPas, 25°C) (EN ISO3219)	350 –550
Drying Time (23°C) (TS 4317)	Touching : 10<t0/> - 12 hours
	Moving on to the next coating (Hours) 2 –4
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.