

POLYEPOXY 300 HL- CR SELF



DESCRIPTION

POLYEPOXY 300 HL-CR SELF LEVENING is a solvent-free, epoxy-based, easy-to-clean and hygienic self-leveling floor coating system with smooth surface finish that is used for floors exposed to medium-heavy mechanical and chemical effects, and to which quartz can be added if desired.



- Cracks and holes on the surface, if any, should be repaired using epoxy putty.
- POLYEPOXY 300 HL- CR SELF LEVENING, the solvent-free epoxy that has self-resistance to heavy load and chemicals, is applied on the prepared and primed surface by using notched trowel or rakel, and any gas bubbles are removed with a spiked roller.

FIELDS OF USAGE



- It is used on concrete and cement-based surfaces.
- It is used in warehouses, laboratories, hospitals, and chemical and pharmaceutical industries.
- It is used in shopping malls and supermarkets.
- It is used in aircraft hangars, and exhibition and fair areas
- It is used in the electronics industry, and in the coating of industrial production areas
- It is used in parking lots.

CONSUMPTION

- A dry film thickness of 1 mm is obtained with a consumption amount of 1,600 gr/m².

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.

ADVANTAGES



- High mechanical and chemical resistance.
- Easy to maintain and clean.
- Does not dust. Hygienic.
- Wall-to-wall, jointless, seamless and one-piece.
- Spreads well and provides a smooth surface.

PACKAGING



- Total Net: 20 kg (A: 16,00 kg / B: 4,00 kg)

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.

CAUTION



- 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 300 SELF, which is applied at 20 – 25 °C, is 7 days on average at room temperature.



TECHNICAL SPECIFICATIONS

Number of Components	2
Mixture Ratio (by weight)	A/B 80/20
Mixture Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,60 ± 0,10
Mixture Life (min., 23°C, 100 ml) (DIN16945)	50 - 90
Mixture Viscosity (mPas, 25°C) (EN ISO 3219)	600 – 1200
Drying Time (23°C) (TS 4317) Touching (Hours)	: 8 – 10
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.