DuroPur Epoxy Primer

Epoxy resin-based, two-component, solvent-free, filled primer.

USES

- Can be used as a primer under epoxy and polyurethane floor coating.
- Can be use as a primer for polyurethane insulation products
- Can be used as a primer before Polyurea application.
- Can be use for levelling, repair, and gap filling operations
- Can be used to repair large cracks and chamfering when mixed with silica sand or different fillers.
- Can be use as a primer under polyurethane foam

CONSUMPTION

- When it is desired to be used as a primer material for floor covering and waterproofing applications on smooth surfaces, it is 0.4-0.8 kg/m².
- When it is desired to be used as a levelling mortar, the consumption is 0.5 – 0.8 kg/m² depending on the application temperature and the ground.
- When it is desired to be used as a binder for epoxy mortar, a mixture of 0.1 – 0.6 mm quartz sand with 1/2 ratio is recommended. Consumption is 1 – 1.5 kg/m².

PROPERTIES	VALUES	STANDARDS
Color	Brownish	-
Density	1,45±0,05 g/cm 3	ASTM D1475 / DIN 53217 / ISO 2811, @ 20 o C
Shore	70-80 Shore D	ASTM D2240 / DIN 53505 / ISO R868
Mixing Ratio (A+B)	4:1 By weight	-
Solid Matter (A+B)	%100	-
Pot Life (+10oC)	80 min	-
Pot Life (+25oC)	30-35 min	-
Adhesion to Concrete	1,6-2,0 (N/mm 2)	ASTM D4541
Duration between layer	8-12 h	-
Light Use starts	12-24 h	-
Final Curing	7 days	-

NOTE: The specifications written above are based on the test results performed under conditions of 23°C and 50% relative humidity. Values may vary under different temperature and humidity conditions.

FEATURES AND BENEFITS

- Easy application.
- Low viscosity
- It adheres perfectly to concrete.
- Does not shrink.
- Solvent-free.

PACKAGING TYPE

- It is in metal packages as 20+5 kg, 18+4 kg, 4+1 kg.

APPLICATION INFORMATION

Surface Preparations

The application surface should be dry and free from all kinds of dust, dirt, weak and loosen particles, residues of cement and grease. The concrete subfloor must be robust and have sufficient compressive strength (at least 25N/mm²) and pull off strength (at least 1.5N/mm²).

Preparation of the mixture:

The product is two-component, and it is recommended to make a homogenous mixture as much as the amount to be consumed. It is kindly recommended to consider the pot life of the mixture. Excess mixtures will become unusable after the end of the pot life period. Once component B has been added to component A, it must be stirred with a low-speed electric mixer for 2-3 minutes (300rpm) until it achieves a homogeneous color.

Application:

During mixing and applying, use rubber gloves and work goggles to protect your skin and eyes from being affected. Do not add any foreign substances and water into the product. In extremely hot weather, the mixture should be made enough to be consumed as the product will harden immediately when mixed. It should not be applied if the temperature is below +5°C.

SAFETY INFORMATION

During the application, flammable, products should be kept away. Smoking should not be allowed. Care should be taken to ensure that the area to be applied is constantly ventilated. Protective equipment such as glasses and gloves should be used during the application. In case of eye contact, it should be thoroughly washed with plenty of water. Please request the Material Safety Data Sheet for detailed information. It should be kept out of the reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.