

6.8 Two component epoxy & polyurethane systems

DUROEPOXY PRIMER Two component epoxy primer with solvents



TECHNICAL SPECIFICATIONS

Chemical base	Two component epoxy resin
Color	(A+B) Transparent
Mixture density	0.98 ± 0.04 kg/l
Mixing ration A/B	1/1 by weight
Pot life	5-6 hours at +20 °C
Application temperature	From +10 °C to +35 °C
Recoating time	At least after 7-9 hours
Drying time	1-2 hours (touch dry), depending on the ambient conditions (temperature, humidity)

SAFETY DIRECTIONS

The product is classified as highly flammable and harmful. It is recommended to keep away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

NOTES

- Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperatures. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions.
- After mixing of the two components, the mixture temperature increases.
- After curing, the product is harmless to health and the environment.

PACKAGING

2kg container (A: 1.0kg, B: 1.0kg)

PROPERTIES

High quality, two component, clear epoxy primer with solvents. Distinguished for its exceptional penetrating ability, abrasion resistance and surface hardness. Highly durable and resistant to chemicals, acids and alkalis. It is uniquely durable to mineral oils, both salt and chlorinated water, but also extreme weather conditions.

Apply it to stabilize substrates, resulting in the unbreakable adhesion of the two component epoxy paint DUROEPOXY of DUROSTICK onto concrete, plaster, iron and steel, wood, MDF etc.

APPLICATIONS

DUROEPOXY PRIMER is used for the impregnation of new or existing cement based substrates. Its use stabilizes and waterproofs substrates such as industrial floors and storage areas (pic. 1.2), garages, and gas stations, wineries, dairy plants and cheese factories, kitchens, as well as slaughterhouses, car washes and garages. Its application creates abrasion resistant surfaces as well.

Ideal for metal staircases and silos, bridges and ships, as well as lofts made of chipboard, MDF etc.

It ensures both the protection and the necessary adhesion for painting water tanks, fountains and pools with DUROEPOXY, the epoxy paint of DUROSTICK.

USE

1. Surface preparation

Proper preparation of the substrate is crucial for a successful end result.

Cementitious surfaces: Substrates

must be completely dry, clean, and free from loose materials, dust and formwork oils, if any. Concrete categories have to be at least C20/25.

Cement screeds have to contain, at minimum, 350 kg/m³ cement.

In cementitious substrates, the moisture content cannot exceed 4% and at least 30 days have to pass from their construction.

Steel surfaces: Begin to clean all surfaces with mechanical means (grinder, wire brush), as needed.

Continue cleaning by removing any rust and oils. Finish the preparation by using a soft cloth soaked with THINNER 201 of DUROSTICK to complete the cleaning process.

2. Application

Empty the contents of container B into container A.

Mix for about 2 minutes with a low rpm electric mixer until the mixture is completely homogeneous.

Dilute the product up to 5% with THINNER 201 of DUROSTICK and apply one to two coats of DUROEPOXY PRIMER, depending on the application and the absorbency of the surface.

CLEANING

Clean all tools with THINNER 201 of DUROSTICK, immediately after use.

CONSUMPTION

1kg/5-6m² per coat, on properly prepared surfaces, depending on their absorbency.

STORAGE

Store in dry places, for at least 12 months from production date.



pic. 1



pic. 2