



HYCHEM E100

Damp Surface Primer

DESCRIPTION

HYCHEM E100 is a solvent based, water insensitive epoxy, designed to prime, seal and consolidate concrete, timber and bituminous surfaces, even when the surface is damp or at low temperatures.

HYCHEM E100 may be used as a clear concrete sealer where higher chemical and abrasion resistance is called for, than that available from conventional solvent sealers such as acrylic and chlorinated rubber.

HYCHEM E100 has also been used successfully as a new to old concrete bonding agent. The product is applied 5 minutes to 1 hour before the topping. Should the primer become tack free before applying the topping, a second coat of primer needs to be applied.

MAJOR APPLICATIONS

- Surface primer for epoxy & polyurethane flooring systems.
- Waterproofing primer for flexible epoxy and urethane membranes.
- Bonding agent for new cementitious toppings on old concrete.
- Clear dustproofing sealer for warehouses, car parks and factory floors.

APPLICATION

HYCHEM E100 may be applied by brush, roller or spray. The coverage rate can vary significantly depending upon the method chosen and the nature of the surface. Wet areas should be first surface dried with a blowtorch. For spray & roller application the product is best diluted with 1 part methylated spirit to 3 parts of mixed HYCHEM E100 by volume. The ideal application is 2 coats of primer at an application rate of 4sqm per litre for the first coat and 10sqm per litre for the second.

Waterproof primer for membrane coatings



TYPICAL SPECIFICATIONS

Product Type: Modified polyamine cured epoxy resin.

Mix Ratio: Resin & hardener 1:1 by volume.

Solids Content: 80% on a volume basis, can be further diluted.

Work Time: Approx 20-30 minutes in can, can be overcoated in 4-6 hours.

Cure Time: 16 hours light traffic, 30 hours full cure at 25°C.

Chemical Resistance:

Excellent resistance to spillage of caustic solutions, dilute acids, fats and petroleum oils.

Surface primer for epoxy coatings

