

DESCRIPTION

CLEVER EPOXY PRIMER WB; is a two component, chemically cured, water based moisture barrier epoxy primer.

FEATURES

- Highly effective water and humidity barrier.
- Used for damp concretes as coating primer.
- Excellent multi-purpose concrete primer.
- Resistant to common cleaning agents.
- Low odor, safe and non-flammable.
- Suitable for application in closed areas.

TYPICAL APPLICATIONS

- Indoors and outdoors,
- Shopping centers, supermarkets,
- Protective coating on industrial surface systems,
- Sewage and waste plants,
- Parking lots, walkways,
- Pulp and paper mills,
- As a primer for waterproofing PU and epoxies,
- Warehouses, factories.

SURFACE PREPARATION

All surfaces to be coated must be free of grease, oil, moisture, and other foreign matter. Surfaces should be dry, with release agents and laitance removed by abrasive blasting or acid etching. Surface salt is removed by high pressure water washing, cement laitance, loose particles, mould release agents must be removed. Fill surface irregularities with relevant product. After the surface preparation is completed concrete strength should be minimum 1,5 N/m².

MIXING - THINNING

CLEVER EPOXY PRIMER WB; is supplied in two-component kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together. Stir the base portion thoroughly, preferably with an air powered mixer operating at slow speed. While mixing at slow speeds, add the convertor portion. After the convertor is added, speed up the mixer slightly and completely mix to a homogenous condition. Pot life of mixture is 1 hour at 25°C. Higher temperatures will reduce pot life of the coating, lower temperatures will increase it. After two components are mixed, they can be thinned with water.

APPLICATION

CLEVER EPOXY PRIMER WB; After surface preparation, CLEVER EPOXY PRIMER WB is applied to the extent of system. Don't leave the mixture in the equipment for than 1 hour. Ventilation should continue during curing process. Good ventilation will protect the applicator, prevent condensation on the paint film, and help achieve an optimum coating performance. Ventilation should continue during curing process.

CONSUMPTION

Total min. consumption: 0,20 - 0,60 kg/m²

PACKAGING AND SHELF LIFE

2.5 Kg + 7.5 Kg

Can be kept for 12 months minimum in the original sealed pails in dry places and at temperatures of 5-25 °C. Once opened, use as soon as possible.

PRECAUTION

Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Hands and eyes must be protected with gloves and protective glasses. Case of eye contact, rinse eyes with plenty of water for the material and consult a doctor immediately. Keep in mind that solvents are heavier than air so they creep on the floor. The MSDS (Material Safety Data Sheet) is available on request.

NOTE

This is not a specification and all information is given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult Clever Polymers for detailed recommendations. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid.

SPECIFICATION DATA

Coating type	Water Based Moisture Barrier Epoxy Primer
Color	Clear
Density ASTM D 1475/EN ISO 2811-1(20°)	1,0 gr/cm ³ . ±0.05
Packaging	2,5 Kg+7,5 Kg
Mixing ratio	1/3 by weight
Gloss	Glossy
Service Temperature	10 °C to 40 °C
Compressive Strenght	≥3 N/mm ²
Thinner	Only with water %10-%20
Viscosity	3500 cp
Shelf Life	12 Months
Theoretical spreading rate	0,2-0,6 Kg/m ²
VOC	Zero
Pot Life	1 Hour (at 20°C)
Method of application	Roller, brush, trowel and spatula
Drying Time Potlife and drying time depends on temperature and quantities mixed	23 °C , %55 RH Touch dry: 6 Hrs Recoating: 5-24 Hrs Fully cured: 7 days



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