

EvoShine Primer EP11

A Premium Epoxy Flooring Compound

Description:

EvoShine EP11 is a two-component epoxy flooring primer, that allows the primer to penetrate into the concrete substrate and seal it with a nonporous finish, resulting in a superior bond. The evoshine contains specially formulated resins and hardeners which are able to withstand all the surface abrasions. This is mainly used to provide a good surface finish on applied topcoats.

Where to Use:

Recommended for chemical, Pharmaceutical, Clean room, food processing area, laboratories, demonstration & training rooms, electrical & electronics assembly plants, packing & storage area, automobile showroom, light & heavy vehicle manufacturing units for interior floors protected from the sun and other interior concrete surfaces. Not for use on exterior surfaces.

Benefits:

1. Good Chemical Resistance
2. Good Abrasion Resistance
3. Free of Solvents
4. High Mechanical Strength
5. Easy & Fast Application
6. Durability & Seamless
7. Aesthetic: Available in several colours provides as hygienic surface

TECHNICAL DATA	
Type	Epoxy / Amine
Mixing ratio(R:H)	A: B (Pre-Weighed Kit)
Percentage of Solids	95 – 97 %
Flash point	Non-Flammable
Pot life	30 – 35 minutes
Surface dry	8 hours
Tack free dry	24 hours
Hard dry	7 days

Compressive strength at 30 °C, N/MM2, 14 days (As per ASTM C 579)	40 - 45 N/mm ²
Tensile strength at 30 °C N/MM2, 14 days (As per ASTM D882)	11 N/mm ²
Pull Of Adhesion (As per ASTM D 4541)	Passes Up to 2.21 mPa
Flexural Strength	20-25 N/mm ²
Application method	Trowel & Spick roller.
Clean up	Thinner / Solvent
Shelf life	24 months.

Application Instructions:

SURFACE PREPARATION

The substrate must be dry, hard, sound, free of dust and the barrier materials such as paint, lime coatings, plaster, curing agents, wax, polish, laitance, etc. Use a suitable degreaser to remove polish, wax, grease, oil and similar contaminating substances.

PRIMING

Evoshine Primer seal the pores and prevent air bubbles from rising through the applied mortar. The primer also helps to maintain flow life and promote excellent adhesion to the substrate.

MIXING

Add the parts in sequence below, under continuous stirring by a very slow speed electric stirrer or jetty blade mixer fitted on an electric drill till the mixture is homogenous. **DO NOT MIX BY HAND.** Remove all material from each can. Scrap the sides of the container several times to ensure complete mixing. Be careful to not introduce any air bubbles while mixing.

Health & Safety

For further information, please go through the Material Safety Data Sheet (MSDS).

Storage and Shelf life /Precautions /Disposal /Spillage

For further information please refer to the Material Safety Data Sheet.

Conditions of Sale

Sold subject to the Company's conditions of sale which are available on request

DISCLAIMER

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products. However, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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