

Epofix

Description

Impregnating primer based on epoxy-polyamide resins and selected solvents with balanced volatility and strong permeation. Such formulation gives the product high consolidating and dust-fixing power, excellent chemical resistance towards solvents, mineral and vegetable oils, household and industrial detergents, considerable adhesion even on terracotta, grès stoneware and tiles in general. The high consolidating and permeating power makes it a very versatile product, that can be used both as a preparation primer-coat and as a gloss finish on completion of epoxy painting works.

Uses

Indicated as an impregnating fixative primer for all types of industrial and domestic floorings and walls.

Surface preparation

In order to obtain excellent results, it is of prime importance to accurately clean the substrate. Masonry and concrete: once seasoned (at least 30 days), remove any trace of dust from the substrate and ensure no saltpetre nor dampness are present; thoroughly remove any grease or oil stain. If the flooring is friable and chalking, accurately clean and wash with an acid solution in order to chemically remove surface carbonatation. Allow to dry and apply 1 or 2 coats of EPOFIX, depending on the degree of absorption of the substrate.

Application

Apply, by brush or roller, 1 coat of undiluted EPOFIX. Before application, accurately mix the product until uniform consistency is obtained, then pour the content of the hardener (previously stirred) into the container of the base and mix with an electric drill until a homogeneous mixture is obtained. It is recommended to scrape the inside of the container so as to obtain a uniform blend; if necessary, pour the mixture in a clean container and keep mixing for a few minutes.

Mix 100 parts (by weight) of component A with 30 parts (by weight) of component B.

Poor mixing and weighing of base and hardener may impair curing and final chemical-physical properties. Allow the mixture to stand for 10 minutes before application. The prepared mixture has a working time of 3-4 hours; after this time, the mixture can still be used, although less resistant films are obtained. It is therefore advised not to use the product once catalysis has taken place.

Apply with environmental temperature between 10°C e 30°C and relative humidity lower than 75%.

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Do not apply under direct exposure to sun. After application, outdoor surfaces must be protected from rain until complete cure which at 20°C normally occurs after about 24 hours.

Dilution

Ready to use for brush, roller and airless applications. Add max. 5% (by weight) of DILUENTE X for air-mix spray applications.

Cleaning tools

With DILUENTE N immediately after use..

Storage

24 months in sealed container, away from sources of heat, in a cool and ventilated place, repaired from frost.

Technical data

PRODUCT	2-components epoxy primer
SPECIFIC WEIGHT	0,910 ± 0,020 kg/l
VISCOSITY	120 ± 20 cP Brookfield at 23°C (A+B)
COLOUR	Transparent
RECOMMENDED THICKNESS	15-20 dry µm for each coat
RECOMMENDED COATS	1 coat
RECOAT TIME	12-48 hours (after that, sandpapering is required)
CATALYSIS RATIO	Component A 100 parts - component B 30 parts (by weight)
POT LIFE AT 23°C	3-4 hours
APPLICATION METHOD	Brush, roller
THEORETICAL YIELD	9-10 m ² /l for 1 coat
DUST-FREE TIME	2 hours
TOUCH-DRY (23°C)	12 hours
DEEP-DRY (23°C)	24 hours

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The aforementioned technical notions regarding the application and correct use of the product do not imply liability of Alcas Italia S.r.l. for use and application of the products themselves. Due to the unpredictable variability of application conditions, the USER must verify with direct tests the suitability of the product for each peculiar use. We reserve the right to modify the content of this document, without notification. As soon as a new version of these technical data sheet becomes available, this one won't be valid any longer.

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