

# EPOFIX

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## DESCRIPTION

Impregnating primer fixative, based on epoxy resins and appropriate solvent mixtures with balanced evaporation and strong penetration power. This formulation gives the product excellent consolidating power and dust resistance, very good chemical resistance to solvents, mineral and vegetable oils, household and industrial detergents, exceptional grip even on terracotta, stoneware and tiles in general. The high consolidating power and the penetration thrust in the support therefore make it a very versatile product, which can be used both as a preparation coat for the support and as a glossy finish to complete a painting cycle based on epoxy products.

## USES

Suitable for industrial and domestic floors and walls of every nature. Especially recommended for hospitals, schools, barracks, prisons, kitchens, food industries, laundries, garages, bars, etc. and in all those cases in which easy cleaning and disinfection are required. Can be used as a glossy finishing coat for products subjected to epoxy coating.

## SURFACE PREPARATION

To obtain best results it is essential to always observe the rules for a thorough cleaning of the surface to be re coated.

Masonry and conglomerates: After sufficient seasoning (at least 30 days) remove all traces of dust from the surface and ensure that there is no saltpetre or humidity, also thoroughly eliminate any grease or oil stains. If the flooring is very crumbly, dusty, wipe and clean with an acid solution to chemically remove the layer of crumbly surface carbonation. Allow to dry and apply one or two coats of EPOFIX, according to the degree of absorption of the substrate.

## APPLICATION

Apply a coat of EPOFIX with a brush or roller as it is. Before applying the product, stir thoroughly until uniform in colour and consistency, then pour the contents of the hardener, previously mixed, into the container base, and mix with an electric drill until completely blended. It is recommended to scrape the sides of the container so that the mixing is uniform, if necessary, transfer the mixture into a clean container and continue to stir for a few minutes.

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

If the mixing or the dosing of the base and hardener are not correctly executed, it will affect the hardening and the final physical and chemical characteristics.

After mixing between the base and hardener, before application, allow the reaction between the two components to evolve for at least 10 minutes.

The mixture thus prepared has a service life of 3-4 hours, after this period it is still usable, but more opaque and less resistant films will result, therefore, it is not recommended to apply the product

long after the components have catalysed. Apply with an ambient temperature between +10 °C and +30 °C and relative humidity below 75%.

Do not apply in direct sunlight. After application, exterior surfaces must be protected from rain until perfectly dry, which at 20 °C, normally, occurs after approximately 24 hours.

#### **DILUTION**

Ready to use by brush, roller or airless spray. Maximum 5% by weight with DILUENTE X when applied by air spray.

#### **TECHNICAL DATA**

<b>PRODUCT</b>	Primer based on epoxy resin and polyamide adduct
<b>SPECIFIC WEIGHT</b>	0.910 ± 0.020 kg/L
<b>VISCOSITY</b>	120 ± 20 Brookfield cPs at 23 °C (base+hardener)
<b>COLOUR</b>	Clear
<b>RECOMMENDED THICKNESSES</b>	15-20 microns dry per coat
<b>NUMBER OF COATS RECOMMENDED</b>	1 coat
<b>RE-COATING</b>	Between 12 and 48 hours, after this time the film must be sanded
<b>CATALYSIS RATIO</b>	Component A 100 parts - Component B 30 parts in weight
<b>POT-LIFE at 23 °C</b>	3-4 hours
<b>APPLICATION METHOD</b>	Roller - brush
<b>THEORETICAL YIELD</b>	9 ÷ 10 sq.m/L with 1 layer
<b>DRYING at 23 °C:</b>	
<b>dust-free time</b>	2 hours
<b>touch dry</b>	12 hours
<b>deep dry</b>	24 hours

#### **TOOL CLEANING**

With DILUENTE N immediately after use.

#### **STORAGE**

The product should be stored tightly closed at temperatures between 5°C and 30 °C. Protect from freezing and excessive heat.

The above technical knowledge regarding the application and the proper use of the products does not mean ALCAS ITALIA s.r.l. assumption of responsibility for the use and application of the products. Because of the unpredictable variability of operating conditions, the APPLICATOR must verify the use of the product under their own conditions with direct evidence. We reserve the right to change the contents of this document without prior notice. As soon as a new version of this data sheet is available, it will no longer be valid.