

# DECO-PAST EPX

Decorative Micro-Mortar Based on Epoxy Resin



## Product description

Two-component micro-mortar based on solvent-free, water-based epoxy resins. Excellent adhesion and abrasion resistance, resistant to water and general chemicals (oils, greases, detergents, etc.). Creates decorative continuous floors in areas requiring a robust surface that withstands intense use, such as commercial premises, offices, gyms, exhibitions, supermarkets, hospitals, etc.

DECO-PAST EPX: Finish for high-traffic floors.

## Properties

Decorative coating for creating high-resistance, continuous floors.

Fast application. Can be applied in one or two coats.

Minimal thickness.

High chemical resistance.

Interior.

## Substrate Preparation

Cement-based surfaces must be fully hardened after 28 days of drying and have a minimum strength of 1.5 N/mm<sup>2</sup>. They must be clean, free of cracks, traces of oil, grease, and paint, as well as any contaminants that could prevent proper adhesion to the substrate. The substrate must also have sufficient tensile and compressive strength to withstand the load the flooring will be subjected to.

Substrate preparation must be carried out mechanically (diamond grinding). ESTILPOX P100 primer sprinkled with silica sand must be applied to the prepared substrate.

As this is a thin-set coating, the surface must be leveled depending on its roughness and flatness with Microestil PLUS GRUESO fiber-based microcement.

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## Instructions for use

Add the pigment dosage to component A and homogenize the color. Add component B to component A and mix with a low-speed mechanical stirrer to avoid entraining air in the mixture. Maximum dilution with water is 5%.

Spread with a metal trowel, leaving a smooth, even layer using semicircular movements, avoiding burrs.

Thickness per coat: 1-3 mm

Drying time between coats: 8-12 hours.

After a minimum of 24 hours, the surface should be mechanically sanded with 60 or 80 grit sandpaper.

Protective sealing of DECO-PAST EPX coatings should be done with ESTILPUR DV or ESTILPUR PU20, 24-48 hours after application of the last coat and with residual moisture below 5%.

## Performance

	DECO-PAST EXP
Consumption m <sup>2</sup> / in two layers	1,2-1,5Kg
Bucket format	Componente A: 10Kg Componente B: 1Kg

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## Technical data

PROPIEDADES	DECO-PAST EPX
<b>Component A</b>	
Appearance	Paste
Color	White
Mixture density	1,74-1,76 gr/cc
Solid content	76-78%
Maximum aggregate size	0,2mm
<b>Component B</b>	
Appearance	Liquid
Color	Transparent
Smell	Light
Density	1,14-1,15gr/cc a 25°C
Solid content	100%
<b>Mixing ratio</b>	10 parts component A 1 part component B
<b>Coating features</b>	
Color	6 color EPX chart
Abrasion resistance	156mg/1000 cycle
Adhesion to concrete	3,5 N/mm <sup>2</sup>
Compressive strength	50 N/mm <sup>2</sup>
Application temperature	Between 5 and 25°C

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## Tool Cleaning

Tools must be cleaned immediately after use with water. Once the product has hardened, tools can only be cleaned by mechanical means.

## Storage

Store in its original sealed container, protected from weather exposure, at temperatures between 10–25°C, in a dry and well-ventilated area. Keep away from heat sources and direct sunlight. Shelf life is one year from the date of manufacture when stored correctly.

## Safety Instructions

This product may irritate eyes, skin, and mucous membranes; it is recommended to wear a mask, gloves, and protective goggles. For further details, request the product's safety data sheet (SDS).

**Note:** This technical sheet, like all other recommendations and technical information, is intended solely to describe the product's characteristics, usage method, and applications. The data and specifications provided are based on our technical knowledge obtained from literature, lab testing, and practical experience.

Consumption and dosage figures are based on our own experience and are subject to variation depending on site conditions. Actual values must be verified through on-site testing and are the responsibility of the customer.

For further guidance, consult our technical support service. Microestil Cement, s.l. reserves the right to modify product composition, provided it continues to meet the specifications described herein. Applications of the product outside the stated recommendations are not our responsibility.

Warranty is provided in cases of manufacturing defects only. Additional claims are excluded. Our responsibility is limited to reimbursing the value of the supplied goods.