

Paintpoxy

Coloured bi-component epoxy coating

PAINTPOXY is a protective bi-component coating for indoor application.

PAINTPOXY is suitable for finishing floors subject to chemical attack and to abrasion due to high traffic of tired-vehicles in general.

PAINTPOXY coverings are glossy and do not need much maintenance, even after years.

PAINTPOXY is especially suitable as finish on industrial floorings, floors in hospitals, bars and pubs.



Features (test conditions: 23°C and 50% R.H.)

	Component A	Component B
Appearance	Liquido viscoso colorato	Liquido fluido
Specific weight [g/cm ³]	1.6	1.1
Brookfield viscosity [mPa·s]	1000-1500	400-700
Hazard class	Irritante	Corrosivo
Mixing ratio (by weight)	80,4	19,6
Workability time (pot-life):	35 min.	
Consumption:	100-150 g/m ² per coat	
Tack free:	8 hours	
Setting time:	3 hours	
Set to light foot traffic:	after 24 hours	
Complete hardening:	after 7 days	
Cohesive resistance on concrete:	≥ 3 N/mm ²	
Density of mixed product: 1.4 g/cm ³	1.4 g/cm ³	
Abrasion resistance - Taber abrasion test (CS10 wheel-1000rpm-1000g):	50 mg weight loss	
RAL colours available:	1012 – 1013 – 1021 - 5012 – 6001 – 6025 – 6027 7035 – 7038 – 7040 – 9004	
RAL colour on request (after compatibility test):	min. quantity of 100 kg	



Uses

- Protective paint with good chemical resistance for concrete industrial floorings, such as for pharmaceutical, chemical, mechanical industry etc.
- Coloured finish of **TOP40SL** floorings.
- Protective and decorative coating for concrete floors in shops, storehouses, offices and exhibition centres.
- Paint with high resistance to abrasion for concrete surfaces subject to light traffic of tired-vehicles.

Application

Preparation of surfaces

The concrete flooring to be covered must be dry, free of dust and incoherent parts. It must be completely smooth, without any traces of oil, greases and paints.

Any cement laitance must be carefully removed. The surface must not be subject to rising damp, while it must be suitable to support loads according to use.

Before painting with **PAINTPOXY**, insulate absorbent surfaces with **EPOFIX 400** (epoxy primer in water emulsion) or **FIX 20** (acrylic primer with water base).

Preparation and spreading of mix

Stir carefully component A. Add component B (hardener) to component A (resin) and mix with suitable tool for about 3 minutes so as to have a uniform mix.

PAINTPOXY must be applied using a short-nap roller or a soft-bristle brush, being careful to cross the strokes. Apply a second coat within 12-24 hours from the application of the first one, however as soon as the first coat has dried.

It is best to prepare a quantity of **PAINTPOXY** that can be applied in 35 minutes at 23°C (pot-life and hardening time of the product drop at higher temperatures and increase at lower temperatures, this relating both to room and surface temperature.)

Rules to be observed during product preparation and application

PAINTPOXY is harmful and irritates the skin: always wear protective gloves and eyewear when mixing and applying the product. In case of contact with the eyes, immediately and repeatedly wash with a jet of water and visit the first-aid post. Always ventilate the room during product preparation and application.

Cleaning

Tools are easily cleaned with water within one hour from product application. Once hardened, it can only be removed mechanically.

Important

- Do not apply the product on damp surfaces or surfaces subject to rising damp.
- Do not dilute **PAINTPOXY** with solvents.
- Do not use the product for outdoor applications or on wood, plastic, iron and all not cement-based surfaces.
- Do not change the mixing ratio of the components in any way – use and mix all the quantities of components A and B.
- Do not expose the product to heat sources.
- Do not use **PAINTPOXY** at temperatures below +15°C and above +30°C (relating both to surface and room).
- Use **PAINTPOXY** within the workability time above indicated (with effect from the time you start to mix).
- The fresh product and components A and B are highly polluting: do not dispose of them in conduit systems or on the ground.

Consumption

Consumption of **PAINTPOXY** varies from 100 g/m² to 150 g/m² per coat according to surface absorption.

Packing

PAINTPOXY is available in 5 kg (A+B) and 10 kg (A+B) packing.

Storage

In its original and sealed packing, **PAINTPOXY** is stable for at least 12 months if kept in a dry and protected environment at a temperature between +5°C and +35°C.

