



E3

EPOXY PRIMER

Epoxy Primer is a two-component; solvent-free, clear epoxy primer specially formulated

EPOXY PRIMER CLEAR EPOXY

Epoxy Primer is designed to be applied over porous surface to seal it and to act as a bonding bridge between it and the following coating system or mortar. Epoxy Primer is used for substrates which are prepared to receive flooring coating or sealants. It obtains high durability for any system it becomes a part of, while in some cases it is considered mandatory like in epoxy screeds when it acts as bonding agent.

USES

- As a primer for porous and semi-porous concrete and steel substrates.
- For both Epoxy and PU flooring systems.

ADVANTAGES

- Provides excellent bonding to concrete and steel.
- Provides high durability for flooring systems.
- Provides excellent water resistance.
- Safe when used in closed spaces, as it is solvent free.
- Obtains high mechanical characteristics for all flooring systems.

PACKAGING

5 KG and 15 KG set

SHELF LIFE & STORAGE

12 months storage life if stored in its original unopened containers in shaded place (5- 40°C).

PACKAGING

SUPERCOAT 500 is available in 5 kg and 15 kg packs.

STORAGE

SUPERCOAT 500 has a shelf life of 12 months if stored in dry conditions at room temperature in original unopened packs. If these conditions are not met, POLYWED technical department should be contacted for advice.

TECHNICAL PROPERTIES

Appearance	Clear Liquid
Solid content	100%
Density (ASTM D1475) kg/ltr@25C	1.05±0.05
Pot life (ASTM D2471) min@25C	60±10
Touch dry (ASTM D2471) hrs@25C	8±15 min
Min overcoating hrs@25C	12±30 min
Coverage m ² /kg@125mic	>5
Adhesion to concrete (ASTM D4541) N/mm ²	>2.5

PRECAUTION

Health and Safety

All safety stuff should be worn during application like safety goggles and rubber gloves, to avoid any harmful accidents. If Epoxy Primer is splashed accidentally to the skin, it must be washed off with water and soap at once. If it was splashed to the eyes or nose, they must be rinsed with plenty amount of clean warm water and seek medical attention immediately.



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APPLICATION INSTRUCTION

Surface preparation

Epoxy Primer is applied on sound, clean, and dry substrates in order to achieve maximum adhesion between Epoxy Primer and substrate.

New concrete floors should be at least 28 days age. Laitance, oil and grease could be removed by either using Poly Cleaner, sand blasting or by steam cleaning. All steel substrates should be free from dirt, oil and grease and blast-cleaned to Sa 2½ according to EN ISO 12944, part 4.

Mixing

Stir the base only separately, then the entire contents of the smaller can (hardener) could be poured into the base container and the material should be mixed for at least one minute by mechanical mixer using a slow or medium speed.

Application

Apply Epoxy Primer by brush or roller, ensuring that the substrate is completely covered. In the case of very porous concrete substrates, further coats of primer may be required. It's recommended to finish all concrete repairs in prior to apply Epoxy Primer like crack filling or bores smoothing, but all surfaces should be dry as well i.e. it's preferable to use epoxy repair pastes for repair to save time.

Epoxy Primer could be used as well as an anti slip base coat by broadcasting 1,2 or 3 as per the desired roughness degree, then other flooring top coat could be used for the other layers. In some applications like epoxy screeds, primer should be tacky during screed application, but for all other coating systems, it should be dry before any overcoat is achieved.

The advised waiting time for Epoxy Primer is 24 hours, while in hot climates (over 35°C), over coating time might drop down to less than 8 hours.

TECHNICAL SUPPORT

POLYWED provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other POLYWED products and guidance on their use are available on request.



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