

ADINGPOKS-1P

*A two-component, low viscosity, solvent-free epoxy pre-coating.
Epoxy system primer for porous substrates.*

Field of Application:

It is used as a pre-coat – primer for all epoxy systems which are to be applied on substrates with highly porous structure. Also, it can be used as an impregnation of concrete surfaces or cement mortar surfaces. The final floor finish can include treatment of the surface by spreading quartz filler on a fresh layer of the primer.

Properties:

- Two-component, low viscosity epoxy resin;
- Excellent adhesion to various types of substrate;
- With penetration that is suitable for more porous substrates;
- Waterproof and watertight;
- Resistant to bacteria;
- Good resistance to weak acids, salt solutions and mineral oils;
- Resistant to crude oil and petroleum products;
- Eco-friendly and solvent-free.

Technical Features:

Appearance:	Low viscosity epoxy resin
Density (EN ISO 2811):	1,25 - 1,35 gr/cm ³
Mixing ratio:	A : B = 4 : 1
Workability at temperature of 20-25°C (EN ISO 9514):	30 – 35 min.

Substrate preparation:

The substrate should be sound, dry, clean, grease-free and dusted. The concrete substrate should be provided with a waterproofing system and protected against water penetration in order to avoid separation of the coating from the substrate as a result of negative water pressure.

New concrete substrate

Concrete should be at least 28 days old with minimum compressive strength of 25MPa and level of humidity not higher than 5.0%. Mortar residues, paint stains and oil stains should be removed from the substrate, if present. If laitance is present on the surface, it should be removed mechanically. In the end, the substrate should be dusted by using an industrial vacuum cleaner.

Old concrete substrate

Having a sound and clean substrate is the main pre-condition for achieving good adhesion. Similar to the new concrete substrate, removal of the laitance should be carried out mechanically. The grease and dirt penetrated in the substrate should be removed with detergents or special preparations for that purpose. Any damages to the substrate should be repaired by using appropriate materials from the product range of ADING.

Steel substrate

The steel substrate should be blasted to SA 2½ level of quality.

Application:

Before mixing A component and B component together, they should be stirred individually. The material is prepared by adding A component and B component together, and mixing the compound by using a slow electric mixer (300 to 500 revolutions/minute) until obtaining a completely uniform mixture. The quantity of the material that is mixed should be in compliance with the workability period of the material. If it is necessary to dilute the material just before its application, it can be diluted with maximum 5% of Solvent P (Растворувач П).

The material should be applied on the substrate evenly by using a hard brush for rubbing the material into the substrate. In more porous substrates, it may be necessary to reapply primer. When applying the material, the temperature of the substrate and the ambient temperature should be between +10°C and +30°C and the relative air humidity should be < 70%.

Consumption:

0,2-0,35 kg/m²

Cleaning:

The tools and equipment should be cleaned with Solvent-P immediately after their use.

Packaging:

In sets (A + B component) of 5.0 kg
(A component – 4.0 kg and B component – 1.0 kg)
In sets (A + B component) of 19.0 kg
(A component – 15.2 kg and B component – 3.8 kg)

Storage:

In a dry area, in original, closed packaging, at temperature between 10°C and 30°C, protected from exposure to direct sunlight. Shelf life: 9 months.

Health hazards: Avoid contact of the product with skin and eyes, as well as direct inhalation while mixing the A component and B component. In case of accidental contact with the skin, the product should be immediately removed by using a dry towel or a towel slightly soaked with Solvent-P, and afterwards the spot should be thoroughly washed with clean water and soap. If the material splashes into the eyes, immediately rinse the eyes with clean water and seek medical advice.

It is necessary to ensure proper ventilation of the premises in which resins and solvents are used.

Fire: It is necessary to ensure proper ventilation of the premises in which resins and solvents are used.

Cleaning and disposal: Loose residues of Adingpoks-1P should be cleaned with Solvent-P. The old and used packaging should be disposed of in accordance with the local rules and regulations for that type of waste.

We recommend that the method of application and the necessary quantities should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.