

ADINGPOKS 1P

*A two-component, low viscosity, epoxy pre-coat used for substrates with porous structure
In compliance with EN 1504-2, 2,2(C) u 8,2(C); EN 13813 SR-B2.0-IR4*

FIELD OF APPLICATION

Primer for all epoxy systems, which should be applied on substrates with a highly porous structure. Also it can be applied as an impregnation on concrete surfaces or cement mortar surfaces.
In combination with quartz filler can be used for: reparation of parts of concrete surfaces, for making holkers, or as final floor coating, etc.

PROPERTIES

- Two-component, low viscosity epoxy resin;
- Excellent adhesion to different substrates;
- Waterproof and watertight;
- Good resistance to weak acids, salt solutions and mineral oils;
- Resistant to crude oil and petroleum products.

TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance (A + B component)	-	colored viscous liquid
Mixing ratio	-	A:B=4,0:1,0
Density	-	A+B - 1,30-1,40 g/cm ³
Open time from 20 to 25°C	-	from 150 to 180 min.

SUBSTRATE PREPARATION:

The substrate should be sound, dry (up to max. 7% moisture), cleaned of dirt, dust and grease. It must be hydroisolated, in order to prevent separation of the final coating as a consequence of negative hydrostatic pressure.

New concrete substrate

Concrete should be at least 28 days old, with a minimum compressive strength of 25 MPa and with maximum moisture content of 7%. Cement slurry, mortar, stains of paint and oil should be removed of the substrate. Finally, it should be cleaned of dust using industrial vacuum cleaner.

Old concrete substrate

The substrate should be sound, dry (up to max. 7% moisture), grease-free and dustfree in order to achieve good adhesion. Laitance should be removed mechanically. The grease and dirt penetrated in the substrate should be removed with detergents or special preparations for that purpose. Any damages of the substrate should be repaired by using appropriate materials from the product range of ADING.

APPLICATION:

Before mixing component A and component B together, they should be stirred individually. The material is prepared by mixing the two components together with a slow electric mixer (300 to 500 revolutions/minute) until a completely uniform mixture is obtained. The quantity of the material that is mixed should be in

compliance with the workability period of the material. When the application require fluent consistency, use max. 5% Solvent P to solute the mixture, right before the application.

The material should be applied evenly by using a roller for rubbing the material into the substrate. In highly porous substrates, it may be necessary to reapply primer. When applying the material, the temperature of the substrate should be between +10°C and +25°C, the ambient temperature should be between +10°C and +30°C and the relative air humidity should be < 80%. Substrate humidity up to 7%.

CONSUMPTION:

For one layer: 0,15 – 0,25 kg/m²

For two layers (depending on the type of substrate): 0,25 – 0,35 kg/m²

PACKING:

In sets (A+B component) 5 kg
(A component 4,0 kg and B component 1,0 kg)

In sets (A+B component) 19,0 kg
(A component 15,2 kg and B component 3,8 kg)


CLEANING:

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

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.

CE MARKING:

	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 20 GDAI001/1 EN 1504-2:2004 EN 13813:2002 SR-B2.0-IR4	
ADINGPOKS 1P Epoxy primer for porous concrete surfaces	
According to EN 1504-2	
Capillary absorption and permeability to water	w < 0,1 kg/m²·h^{0,5}
Permeability to water vapour	Class III, S_D ≥ 50 m
Adhesion strength by pull-off test	≥ 2,0 N/mm²
According to EN 13813	
Impact resistance	Class I ≥ 4 Nm After loading, no cracks, no delamination
Adhesive tensile strength	Class B 2,0 > 2,0 N/mm²
Emission of corrosive substances	SR

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: Adingpoks 1P and Solvent P contain flammable solvents. They must not be used near open fire and it is not allowed to smoke during the application.

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. Additional information is provided in the Product Safety Data Sheet.