

# ADINGPOKS-1P ECO

*Low-viscous two-component epoxy precoat without solvents*

## Field of application:

As a precoat - primer with all epoxy systems. It could be used as waterproofing impregnation on concrete surfaces and surfaces of cement mortar.

## Properties:

- Transparent viscous two-component epoxy resin;
- Excellent adhesiveness to various kinds of substrates;
- Possesses strong penetration;
- Water-repellent and waterproof;
- Good resistance to mild acids, solutions of salts;
- Resistant to oil and oil derivatives;

## Technical features:

Type:	low-viscosity epoxy resin
Bulk density:	1,0±0,05 g/cm <sup>3</sup>
Mixing ratio:	A:B = 2,35:1
Open workability time:	
at 20°C:	30-35 min.
at 30°C:	20 min.

## Substrate preparation:

The substrate should be sound, dry, clean, cleaned of dust and grease. Concrete substrate should be waterproofed and safeguarded against penetration of water, in order to prevent separation of the coating, as a consequence of negative water uplift pressure.

### New concrete substrate

Concrete should have matured for minimum 28 days, be of minimum compressive strength 25 MPa and not to contain moisture higher than 5,0%.

Residues of mortar, stains of paint and oil (if present on the substrate), should be removed. If there is cement slurry on the surface, it should be mechanically removed. Finally the substrate should be cleaned of dust by means of industrial vacuum cleaner.

### Old concrete substrate

Sound and clean substrate are the main preconditions for achieving good bond. Same as with the new concrete substrate, removal of cement slurry is performed mechanically. Penetrated grease and impurities into the substrate should be removed with detergent or special agents for that purpose. All damages to the substrate should be repaired.

### Steel substrate

Steel substrate should be sand-blasted up to a degree of cleanliness SA2½.

## Application:

Components A and B should be mixed so that the contents of component B is poured into the packing being filled with component A. The two components are mixed by means of a slow electric mixer (300-500 revolutions/minute) until full homogenization is achieved. The quantity of material which is mixed should be in compliance with the open workable time for working with the material.

Application is carried out uniformly with a hard brush by means of which it is being squeezed into the substrate. In cases of more porous substrates a need may arise for repeated priming, with a time gap for repriming as given in the table.

20°C	8 - 12 hours
30°C	6 - 8 hours
40°C	4 - 6 hours

Temperature of substrate during application 10°C to 30°C.

## Consumption:

0,2-0,4 kg/m<sup>2</sup>

## Cleaning:

The tools and equipment are cleaned with Solvent-P, immediately after use.

## Packing:

A+B components in sets of 3,35 kg.

## Storage:

In original closed packing, in dry premises, at a temperature from 10°C to 30°C, protected against direct exposure to sun. Shelf life 12 months.

### Health hazard:

It is necessary to avoid contact of the product with skin and eyes, as well as direct inhalation during mixing the components A and B. In case of accidental contact, the product should immediately be removed with a dry towel or mildly wetted towel with Solvent-P, and then the spot should be well washed with pure water and soap. If the material has been splashed into eyes, they should immediately be rinsed with pure water and medical assistance should be asked for.

It is necessary to provide ventilation of the premises where work with resins and solvents is performed.

### Cleaning and discarding:

Loose residues of Adingpoks-1P ECO are cleaned with Solvent-P. The old and used packing should be discarded in accordance with the local relevant regulations for that kind of waste.

We recommend for the way of application and necessary quantities to be adjusted to the works condition, as well as obligatory use of appropriate equipment.