

# ADINGPOKS-N

*Thixotropic epoxy-based three-component adhesive for bond between old and new concrete  
In compliance with: ASTM C881*

## Field of application:

For bond between fresh (new) and already executed materials cement-based produced (concrete, mortar) with existing cement substrates. It is being applied upon vertical and horizontal surfaces. It represents an ideal solution during execution of rehabilitation works on bridge structures, factory halls and other engineering structures.  
It could also be used as sealing compound for anchors.

## Properties:

- Three-component compound;
- There is no occurrence of shrinkage during the setting process;
- Excellent bond to the substrate;
- High compressive strength;
- High bending strength;
- Could be applied upon a wet substrate;
- Resistant to water;
- watertight;
- Low setting makes it possible to have enough time for formwork and reinforcing execution;

## Technical features:

Specific mass:	1,7 g/cm <sup>3</sup>
Bending strength : (EN 1015-11):	40±3 MPa
Compressive strength: (EN 1015-11):	80±3 MPa
Adhesion: (EN 1015-12):	6±1 MPa
Linear deformations:	
- after 1 day:	0,04 mm/m'
- after 28 days:	-0,13 mm/m'
Time of setting:	
- start (initial):	~ 50 min.
- end (final):	~ 4 hours

## Substrate preparation:

The surface on which Adingpoks-N is applied should be sound, clean, with removed all loose parts, cleaned of dust and grease. The temperature on the surface on which works are performed should be within the limits from 5°C to 30°C.

## Placement:

The component B is added to the component A and they are mixed by a slow mixer until complete homogenization. Component C is added to so prepared mixture, followed by repeated mixing until complete homogenization. The application of material is carried out by a metal skimmer or brush, in a thickness from 1,0 to 2,0 mm. Placement of the new cement mixture should be performed for a period during which Adingpoks-N is still sticky at touching. If Adingpoks-N hardens prior to the placement of the new cement mixture, it should mechanically be removed and a new one should be placed according to the previously stated procedure.

## Consumption:

For a coat thickness of 1 mm : 1,7 kg/m<sup>2</sup>.

## Cleaning:

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

## Packing:

In sets: 10,4 kg.  
A comp: 2,8 kg.  
B comp: 0,9 kg.  
C comp: 6,7 kg.

## Storage:

In original closed packing, in dry premises, at a temperature of max 25°C. Shelf life 12 months.

### Health hazard:

It is necessary to avoid contact of the product with skin or eyes, as well as direct inhalation during mixing the components A and B. In case of accidental contact, the product should be immediately removed with a dry towel or mildly wetted towel with Solvent-P and afterwards 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 premises where works with resins and solvents are performed.

### Fire:

Adingpoks-N and Solvent-P contain flammable solvents. They should not be used in the vicinity of open fire or smoking during placement.

### Cleaning and discarding:

Loose residues of Adingpoks-N are cleaned by means of 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.