

ADINGPOKS-1T

Two-component thixotropic epoxy building adhesive

Field of application:

Adingpoks-1T is a high-quality thixotropic epoxy adhesive with excellent adhesion properties. It is used for strong structural bonding in construction, that is to say, for adhesion of marble, granite, strong natural stone, concrete elements and other building materials on substrates made of concrete, metal, iron or aluminium, where high adhesion and excellent mechanical resistance is required. For repair of small concrete surfaces, for skimming and spackling. It can be applied on vertical and horizontal surfaces.

Properties:

- two-component epoxy resin adhesive;
- excellent adhesion to substrate;
- high compressive strength;
- high bend strength;
- waterproof;
- resistant to diluted acids and bases;
- resistant to salt water;
- for adhesion to floor and wall surfaces;
- for adhesion to dry substrates, with maximum substrate humidity of 5%

Technical features:

Appearance:	Transparent viscous liquid
Density:	1.15 – 1.2 g/cm ³
Mixing ratio:	A : B = 2 : 1
Workability at temperature of 23°C	30-45 min.

Method of application:

The substrate on which Adingpoks-1T is to be applied should be dry, clean, free from grease, dusted and free from laitance or residues from other materials and it should be mildly roughened. It should be stable and sound, without crumbly or unstable parts that could break the strong adhesive bond. If the substrate is porous, it is recommended that the surface be primed by applying Adingpoks - 1P, Adingpoks 1PV or Adingpoks 1P Eko. The substrates made of concrete or cement mortar must be at least 28 days old in order to ensure the necessary strength of min. Mb30 and substrate moisture content of maximum 5%. Care should be taken to ensure that there is no moisture on the surface of the substrate from condensation of air. The temperature of the surface on which Adingpoks 1T is applied should be above 8°C.

Health hazard:

It is necessary to avoid contact of the product with the skin or eyes, as well as direct inhalation during mixing of components A and B. In case of accidental contact, the product should immediately be removed by means of a dry towel or slightly 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 premises in which work with resins and solvents is performed.

Fire: Adingpoks-1T and Solvent-P contain flammable solvents. They should not be used in the vicinity of some open fire or smoking during placement.

Cleaning and discarding: Loose residues of Adingpoks-1T 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 required quantities to adjust to the work conditions, as well as obligatory use of appropriate equipment.

Application:

The material is prepared by pouring B component into A component and mixing with an electric mixer (300 to 500 revolutions/min.). Care should be taken to avoid air entrapment during mixing. The components should be mixed until a completely uniform mixture is obtained. It is mandatory to pay attention to the period of workability of the material which is 30 to 45 minutes at a temperature of 23°C for one set of 3.3 kg.

Before mixing the material for application, it should be kept at appropriate temperature (between 15°C and 30°C). At low temperatures, the material gets thicker and it is more difficult mixed it. The material should be applied in a thin layer by using a skimming trowel, a scraper or a brush. The maximum thickness of the applied layer of ADINGPOKS-1T should be 3 mm. When applying on vertical surfaces, it is mandatory that brackets be used for at least 12 hours following the adhesion at a temperature of 10°C.

When applying the product for adhesion of granite, marble and other heavy building elements on vertical surfaces, it is mandatory to fix them mechanically and it is recommended that the substrate surface be roughened with a grinding tool. The ambient temperature during application should be between 10°C and 30°C, the temperature of the substrate should be above 8°C and the relative air humidity should be max. 65%.

Consumption:

For a layer of 1mm: 1,5-1,20 kg/m²

Cleaning:

Tools and equipment are cleaned by using SOLVENT-P, immediately after use

Packaging:

In a set A+B = 3.3 kg
A component = 2.2 kg
B component = 1.1 kg

Storage:

In a dry area, in original, closed packaging, at temperature between 10°C and 30°C. Shelf life: 9 months.