

# ADINGPOKS AKVA PRAJMER

*Water based epoxy primer*

## FIELD OF APPLICATION

Pre-coating (primer) used for impregnation of concrete and cement mortar substrates in epoxy and water based coating systems. Adingpoks Akva Prajmer improves performances of the top layer of the substrate, as well as the adhesion with the materials used for reparation and protection of the concrete. Adingpoks Akva Prajmer can be applied on water-saturated concrete surface, without standing water on the surface.

## PROPERTIES

- Excellent adhesion on dry and humid substrate;
- Good penetration into concrete and cement mortar;
- Resistant to negative hydrostatic pressure;
- Waterproof and watertight;
- Solvents free;
- Non- toxic when cured;
- Bacteriologically resistant;

## TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance	visual	white viscous mixture
Mixing ratio	-	A:B = 1:1,5
Density	EN ISO 2811-1	1,0-1,1g/cm <sup>3</sup>
Adhesion to the substrate/ bond strength by pull-off test	EN 1542	≥ 2MPa
Pot life	EN ISO 9514	100-120min
Substrate and air temperature during the application	-	10-30°C
Mechemical use for light traffic, on 20°C	-	after 3 days
Mechemical use for heavy traffic, on 20°C	-	after 7 days

## METHOD STATEMENT:

## SUBSTRATE PREPARATION

Adingpoks Akva Prajmer is applied on substrate from concrete, cement mortar and asphalt.

### New concrete substrate

It is recommended to cure the new concrete at least 7 days before the application of Adingpoks Akva Prajmer, to avoid cracks as result of initial setting of the concrete. The substrate must be sound, clean, and free of dust and grease. The substrate and air temperature must be between 10-30°C.

### Old concrete substrate

The cement laitance, mortar, paint and grease should be removed mechanically (by sandblasting, pressurized water or scraping the substrate), or with chemicals.

CONCRETE REPAIR

## APPLICATION

Mix A and B component of Adingpoks Akva Prajmer separately using slow mixer (up to 300- 500 rotations/minute). Then add B component into A and mix until it homogenizes.

The application is performed evenly on the surface, with a brush, roller or spray. Adingpoks Akva Prajmer can be applied to larger areas by *airless* pump. The extremely porous substrates the priming need to be repeated. The temperature of the substrate must be between 10-30°C and the air humidity lower than 70%.

## CONSUMPTION

Adingpoks Akva Prajmer, according to the substrate porosity, for one layer: 0.15-0.30 kg/m<sup>2</sup>

## CLEANING

Clean tools and equipment with water right after the application.

## PACKAGING

Sets A+B: 7.5 kg

A component: 3 kg

B component: 4.5 kg

## STORAGE

In the original, closed packaging, placed in dry rooms at temperature between 10°C and 30°C. The product must not be exposed to direct sunlight. Shelf life: 9 months.

**Health hazards:** Avoid contact of the product with skin and eyes, as well as direct inhalation when you mix the components. In case of accidental contact, the product should be removed immediately with dry towel or wetted towel with water. Then, wash the spot with pure water and soap. If the material has been splashed into eyes, immediately rinse it with pure water and call for medical help. Ventilate the room where you use resins.

**Fire:** The product is not flammable.

**Cleaning and disposal:** Loose residues of Adingpoks Akva Prajmer are cleaned with water. The old and used packing should be discarded in accordance with the local relevant regulations.

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

CONCRETE REPAIR