ADINGPOKS AKVA PRAJMER

Water based epoxy primer

FILED OF APLICATION

Pre-coating (primer) used for impregnation of concrete and cement mortar substrates in epoxy, methacrylate and water based coating systems. Also it is suitable for application on asphalt substrates. Adingpoks Akva Prajmer firm and improve the top layer of the substrate, as well as the adhesion of materials used for reparation and protection of the concrete. The substrate for application is intended to be on cured or humid concrete without visible 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;
- Bacteria 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/cm³
Adhesion to the substrate/ bond strength by pull-off test	EN 1542	≥ 2MPa
Open time on 20°C	EN 12189	up to 45min
Pot life	EN ISO 9514	100-120min
Touch dry on 25°C	-	5,5h
Period between two layers, on 25°C	-	24h
Initial hardness, on 25°C	-	after 1 day
Fully cured, on 25°C	-	after 3 days
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
Stability of the coating during the exploitation	-	from-20°C to + 70°C

METHOD STATEMENT

SUBSTRATE PREPARATION

Substrate for application of Adingpoks Akva Prajmer is concrete, cement mortar and asphalt. The substrate must be sound, clean, and free of dust and grease.

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 and air temperature must be between 10-30°C.

Old concrete substrate

In order to achieve an excellent adhesion to the substrate, it must be sound and clean. The cement laitance, mortar, paint and grease should be removed mechanically or with chemicals. Finally clean the dust using

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industrial vacuum cleaner. It is recommended to apply Adingpoks Akva Priajmer on concrete with open top layer structure, to improve the penetration of the pre-coating into the substrate.

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 homogenize. The product must be applied during the pot life (100-120min counting of the moment when the components are mixed together).
Apply the primer by squeezing it into the substrate using brush. The extremely porous substrates need to repeat the priming. 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: 0.15-0.3kg/m²

CLEANING

Clean tools and equipment with water right after the application.

PACKAGING

Sets A+B: 7.5kg
A component: 3kg
B component: 4.5kg

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 resigns.
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.

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