

# ADINGPOKS GLET

*Epoxy based mixture for leveling concrete and repaired concrete surfaces*

## FIELD OF APPLICATION

Adingpoks Glet is a three-component epoxy material used for fine leveling (smoothing) of vertical and horizontal concrete surfaces up to 4 mm thick.

## PROPERTIES

- High strength characteristics;
- Waterproofed;
- Resistant to atmospheric influences
- Good strength and elasticity;
- Excellent adhesion to moist concrete;
- Enables quick application of secondary coatings;

## TECHNICAL FEATURES

PROPERTY	METHOD	DECLARED VALUE
Appearance (A+B+C)		grey mortar
Mixing ratio		A:B:C = 1,7:1:8,1
Density	EN 12190	1,7-1,8 g/cm <sup>3</sup>
Pot-life at 20-25°C	EN ISO 9514	30-40 min
Adhesion pull-off test	EN 1542	≥1,5 N/mm <sup>2</sup>
Compression strength	EN 12190	≥70 N/mm <sup>2</sup>

## METHOD STATEMENT:

## SUBSTRATE PREPARATION

Concrete substrate on which material is applied must be clean, sound, firm and free of dust and grease. Cement bleeding residues and traces of paint and oils must be cleaned mechanically or chemically. Ambient and substrate temperature need to be 10-30°C. In case of reparation of old and damaged concrete elements, exposed steel reinforcement and anchors must be cleaned from corrosion, remains of paint and oil (using steel brush or sand-blasting). If there are major damages and unevenness on the surface, they should be repaired using mortar on polymer-cement basis (Reparatur Malter F) or epoxy-based mortars.

In order to achieve higher adhesion, it is recommended to apply Adingpoks 1PV prior to application of Adingpoks Glet.

It is recommended to apply Adingpoks Glet minimum 7 days after the casting of concrete in order to avoid crack formation due to initial shrinkage of concrete.

## APPLICATION

Prior to application, components A and B must be mixed separately. Then, component B is slowly added to the component A and it is mixed constantly using slow electrical mixer (300 to 500 rot /min) until complete homogenization. To these mixture, component C is gradually added and again mixed until homogenization. Application of material is carried out manually with spatula or metal trowel, in layers up to 4 mm thick.

To increase the workability of the material, 2% to 5% Solvent P can be added to the mixture A+B+C, thus limiting the embedding thickness of the material to 1 mm, due to the risk of the material slipping on vertical surfaces.

## CONDITIONS AND LIMITATIONS OF APPLICATION

Temperature of concrete substrate and ambient temperature during application and 24 hours after application need to be between +10°C and 30°C, and relative humidity lower than 80%. During this period, applied material need to be protected from direct exposure to sun and wind.

## CONSUMPTION

Adingpoks Glet, for layer 1 mm thick (A+B+C): 1,7-1,8 kg/m<sup>2</sup>

## CLEANING

Tools and equipment are cleaned with Solvent P immediately after usage.

## PACKAGING

Set A+B+C: 11,9 kg  
A component: 1,9 kg  
B component: 1,1 kg  
C component: 8,9 kg

## STORAGE

In original closed packing, in dry chambers, at temperatures from 10-30°C, protected from direct exposure to sunlight. Usage: 9 months.

**Health hazards:** Avoid contact of the product with skin and eyes and avoid direct inhalation when mixing components. In case of accidental contact of the product with the skin, remove it immediately with clean water and soap. If the material splashes into the eyes, immediately rinse the eyes with clean water and seek medical advice. It is necessary to ensure ventilation of the premises where resins are handled. Additional information is provided in the Safety Data Sheet of the product.

**Fire:** Adingpoks Glet and Solvent P contain flammable substances. Do not use near open fire or smoke during installation. Additional information is provided in the Safety Data Sheet of the product.

**Cleaning and disposal:** Unbound residues from Adingpoks Glet are cleaned with Solvent P. Old used packaging needs to be disposed of in accordance with local regulations and regulations for that type of waste. We recommend the method of application and the required quantities to be adjusted to the conditions of the object, as well as the mandatory application of appropriate equipment. Additional information is provided in the Product Safety Data Sheet.