

POLNILO S/H

Construction quartz filler for widespread use

FIELD OF APPLICATION

It is used for preparation of epoxy skimming plasters, mortars for structural reparation, sealants for construction joints and mixtures for grouting cracks and levelling cement surfaces in a combination with epoxy resin Adingpoks 1 or Adingpoks 1PV. It is used as an anti-slip sprinkle when applying substrates of methacrylate, synthetic resins and epoxy coatings. It provides better contact when bonding tiles over a waterproofing coating on polyurethane or acrylic base. It provides better contact and adhesion of bitumen-based waterproofing strips on concrete bridges. It's used for cleaning pool filters and for dry sandblasting.

PROPERTIES

- Natural pure quartz sand, without impurities
- Available in different granulations, sifted and selected according to grain size
- Excellent mechanical properties

TECHNICAL FEATURES

Appearance	-	Sand colour
	-	0-0,3 mm
	-	0-0,5 mm
Grain size	-	0,3-0,8 mm
	-	0,5-1,2 mm
	-	1,0-2,0 mm
Hardness (Mohs)	-	7
Burning loss	-	< 0,3%
Embankment density	-	1250-1500 kg/m ³
Moisture	-	< 1%
Content of SiO ₂	-	> 98%

METHOD OF APPLICATION

APPLICATION FOR PREPARATION OF EPOXY MIXTURES FOR STRUCTURAL REPARATION OF CONCRETE STRUCTURES, SKIMMING AND GROUTING

Epoxy mixtures (skimming plaster, repair mortar, joint sealant) for structural reparation, skimming and grouting are prepared by mixing Polnilo S/H in a combination with epoxy resin Adingpoks 1 (or Adingpoks 1PV). Polnilo S/H is slowly added in previously prepared epoxy resin Adingpoks 1 or Adingpoks 1PV (A+B), and it is mechanically mixed until complete homogenization until the trapped air is extracted. The mixing ratio of the quantities of Adingpoks 1 and Polnilo S/H depends on the type of application and required performances.

APPLICATION FOR ANTI-SLIP SUBSTRATES

Polnilo S/H is used when applying coatings of Adingpoks 1PV, Adingpoks 1BP, Adingmarker P, Adingkolor RF, in order to obtain slip-free surface of the floor. It is also applied on the fresh epoxy primer (Adingpoks 1PV) prior to application (welding) of bitumen based waterproofing system for bridge deck. Polnilo S/H is applied by sprinkling over a freshly applied coating in a quantity depending on the defined substrate treatment according to the project documentation. For this use, Polnilo S/H with larger grain size is used, usually: (0,3-0,8) mm or (0,5-1,2) mm.

CONSUMPTION

Depending on the application.

PACKAGING

Natron bags of 30 kg.

STORAGE

In original sealed packaging, at a temperature of 5°C to 35°C.

Shelf life: 36 months

Health hazards: Information is provided in the Product Safety Data Sheet.

Fire: Information is provided in the Product Safety Data Sheet.

Cleaning and Disposal: Information is provided in the Product Safety Data Sheet.