

WASSERPROOF 1K



DESCRIPTION

Cement-based, mono-component, waterproof mortar

CHARACTERISTICS

Cement-based, mono-component, waterproof mortar which possesses good isolating qualities to moisture and protects concrete from carbonizing. It is suitable to be used for the waterproofing of water deposits, basements, etc. Easy to apply, low application costs and does not have corrosive effects for concretes reinforced with steel.

RECOMMENDATIONS FOR USE

It is used to protect concrete and plaster surfaces and walls from humidity. Suitable to waterproof water deposits, basements, underground buildings, etc. Suitable for the internal waterproof of underground areas, such as: basements, because it is resistant to high pressures thanks to the strong bond it creates with the support.

TECHNICAL DATA

Form:	Powder
Colour:	Grey
Bulk density (g/cm ³):	1.4
Solid content (%):	100
Water demand:	25%-27%
Bulk density of fresh mortar (Kg/m ³):	1,700
Application temperature:	nga +8°C ne +35°C
Pot life:	3 ore
Compressive strength:	
• Normal condition:	76 MPa
• After freeze-thaw cycles:	72 MPa
Adhesion strength on concrete:	
• Normal condition:	0.8 MPa
• After freeze-thaw cycles:	0.5 MPa
• Water immersion:	0.6 MPa
Vapour permeability EN ISO 7783-1:	class II: SD < 2,5 m
Thickness per layer:	1 mm
Waiting time between layers:	4-5 Hours
Waiting time for installation of tiles:	24 Hours

SURFACE PREPARATION

The surface must be free of dust, grease and any other type of impurities. If there are crevices or cracks in surface where WASSERPROOF 1K will be applied, first close them and then apply the product. In cases of wires sticking out of the surface where the product will be applied, they should be cut to a depth of 2 to 4 cm and then the created hole should be closed.

APPLICATION OF PRODUCT

WASSERPROOF 1K is added gradually to the required amount of water, by stirring it continuously until the creation of a viscous mass, thick enough to be applied with a brush. The surface where the product will be applied should be completely dry and free of any moisture traces. The product should be applied in two or more layers, depending on the environment where it is going to be applied. Each layer should not be thicker than 1 mm in order to avoid crevices. When the first layer is completely dried, apply the second layer.

PACKAGING

25 Kg (comp. A) paper bags and 8 Kg (comp. B) plastic bottles

CONSUMPTION

2.5- 3 Kg/m²

STORAGE

12 months after manufacture date, if preserved in its original packaging, protected by direct exposure to sun and frost.

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advise immediately and show the contents of the container. Do not dispose the product into drains.

