

ETERNAL hydrofobizace W

Serial Number 1302

Water soluble hydrophobicity agent for construction materials

Features:

ETERNAL hydrofobizace W is water soluble product based on silane-siloxane emulsion. **ETERNAL hydrofobizace W** makes the surface water resistant, reduces its corruption by rain and prolongs its durability. It also minimizes creation of lime efflorescence, decreases dirtiness of treated surface and chance of corruption by algae, mosses and lichens while not changing the appearance and diffusion resistance of the surface. Tiny particles of silane are capable of deep penetration into the surface and chemical binding, which ensures long-term effect. This product meets the requirements of ČSN EN 1504-2.

Usage:

ETERNAL hydrofobizace W is suitable for adjusting of porous construction materials aiming to decrease their capillary absorption. It is suitable for plaster, stone, brick, burnt and concrete roofing, concrete elements and constructions, cement and fiber-cement chipboards and stucco-containing cement.

Technical data:

Specific weight	approx. 1,0 g/cm ³
pH	5,0–8,0
appearance	milk cloudy liquid

Consumption:

0,03–0,1 kg/m² (depends on absorption of the surface)

Packaging:

1 kg plastic container, 10 kg plastic container

Storage:

Store (in the original unopened packaging) between 5–25 °C. It must not freeze!

Surface preparation:

Surface for **ETERNAL hydrofobizace W** must be:

- mature (cement-based surface at least 28 days)
- dry
- cohesive
- rid of all loose mechanical particles and any previous coatings
- degreased
- abraded (concerning mainly new concrete and other surfaces on cement bases)

Application:

ETERNAL hydrofobizace W is diluted by water before applying (demineralized water preferably) in ratio 1 : 1 or 1 : 2 (mostly 1 : 1,5). Ratio of dilution depends on absorption of the surface and requirements on the degree of water resistance. Diluted product is applied preferably by brush or roller in one or two layers in surroundings between 5 and 30 °C. Second layer needs to be applied before the first one dries completely (wet to wet).

Recommendation:

The product needs to be worked in the surface as best as possible. One layer of less diluted product is recommended for surfaces with low absorption. For porous surfaces with high absorption are suitable two layers of coating with more diluted product.

Waste disposal:

Described on safety data sheet of the product.

Safety and hygiene at work:

According to law, **ETERNAL hydrofobizace W** is classified as dangerous. Causes skin irritation. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical help. Dispose of contents/container in accordance with the relevant national legislation. The product is a treated article, contains a biocidal product. It contains a reaction mixture CIT/MIT (3:1) [Index number: 613-167-00-5]. May cause an allergic reaction. Safety data sheet available on request. If swallowed, rinse mouth with tepid water and drink about 0,5 liters of tepid water with 10 crushed charcoal tablets. Seek medical help. Do not induce vomiting. In case of contact with eyes, flush immediately with water. If irritation does not stop, seek medical help. Details are provided in the safety data sheet of the product.