

TECHNICAL INFORMATION FOR **ECO IMPREGNIR K**

TYPE: Water solution of methyl silicone with additives

**DELIVERY
SHAPE:** Single-component water system

**FEATURES
AND USE:** **ECO IMPREGNIR K** is slightly alkaline water solution.

It is used as:

- Water-repellent agent and means for facade and brick products conservation,
- Means for water insulation from capillary moisture from the ground (building foundation),
- Additive in mortar and concrete making, to achieve their water repellency and water impermeability,
- Additive in grouts for joint making, to achieve their water repellency, water impermeability and prevent salting out (efflorescence),
- The first coat (the primer) in the protection of stone, mortar, artificial stone and concrete.

**PREPARATION FOR
APPLICATION:** **ECO IMPREGNIR K** is applied in a delivered form. The precipitate formed at the bottom of the packaging needs to be discarded. Facades and other material intended for protection should be dry and clean.

**APPLICATION
METHOD:** **ECO IMPREGNIR K** is applied to the material by spraying or coating using pneumatic sprayer, mop, sponge etc. in a single layer to material saturation. The material is protected after a 24-hour drying. **ECO IMPREGNIR K** consumption depends on the porosity of the material and varies in the range 0,15-0,25L/m².

Excellent results are obtained when the second layer of protection on artificial stone, mortar, concrete or brick is our product **ECO IMPREGNIR S**, i.e. **ECO IMPREGNIR MK** in the case of natural stone.

In case of dark surfaces that absorb poorly the excess of the product **ECO IMPREGNIR K**, which hasn't been absorbed, has to be removed before it dries. Otherwise, white spots may appear. For the conservation of such materials the manufacturer recommends the use of **ECO IMPREGNIR S** or **ECO IMPREGNIR MK** without **ECO IMPREGNIR K** as a primer.

The best protection method for brick products is dipping into **ECO IMPREGNIR K**, or spraying if the product is already installed (bricks, facade brick, roof tiles etc).

Capillary moisture from the ground (foundation) is removed from walls using the method of chemical injection: **ECO IMPREGNIR K** is injected into the 10-30mm diameter holes previously drilled in the

wall. The holes should be angled 30-45° with depth of more than a half of the wall thickness. The holes are scheduled in the form of an equilateral triangle with 15cm long sides. Consumption of **ECO IMPREGNIR K** is about 50L/m³.

ECO IMPREGNIR K is added to the mortar, concrete and grouts for joint making (tile mass) while mixing in the amount of 10-20% by weight in relation to the mass of the binder. Added water is reduced by the amount of added **ECO IMPREGNIR K**.

**SAFEGUARD
MEASURES:**

ECO IMPREGNIR K is alkaline, so it is necessary to protect the face, hands and anything else not intended for conservation. Surfaces that are accidentally sprayed with this means can be washed with water. For professional use only!

PACKAGING:

200L Metal barrels, 10L plastic cans and 1L plastic bottles.

STORAGE:

ECO IMPREGNIR K should be stored outdoors and indoors at temperatures above 4°C.

PRODUCT

LIFETIME:

ECO IMPREGNIR K can be kept in the original packaging for 12 (twelve) months.