Water-based hydrophobic preparation which retains and preserves the original colour of the stone and does not increasing slipperiness of surface.

Reduces the absorbability of the substrate
Enhances resistance to dirt and efflorescence

HG-1 is manufactured on the basis of siloxanes, in order to protect mineral, porous substrates of flamed granite against water.
It reduces the absorbability of the substrate – ensures protection against precipitation water and penetration of harmful chemical compounds dissolved in water into the material structure.
It increases the resistance of the impregnated substrate to dirt, efflorescence and the development of biological contamination.
Alkali-resistant, durable – UV-resistant, solvent-free. It does not degrade the properties of the protected material in terms of gas and water vapor diffusion the pores remain open.

Application area

All substrates made of flamed granite
It can be used indoors and outdoors,
for old and new surfaces.
Application:
PRIOR APLICATION:
Before application, the surface should be cleaned of dirt, dust, patina, loose elements, salt efflorescence and residues of paint coats.
Any adjacent surfaces not being treated with the product must be protected.
Never apply to wet surfaces. The product can be used on slightly damp surfaces; nonetheless, please ensure that the surface to be treated is as dry as possible.
At the time of application, surface should not be displayed in direct sunlight and rainfalls.

Note. Impregnation should not be performed on surfaces with high salinity, as this may lead to intensification of the crystallization process of construction salts and destruction of the substrate material.
APPLICATION INSTRUCTION:
HG–1 is a ready to use product. DO NOT DILUTE.

May be applied using low pressure spray, brush or roller.
Apply the product generously and evenly on the entire area until the surface is saturated. about 1 mm, thicker layer,
The remains of the applied impregnation should be removed after 60 minutes with a soft, absorbent fabric,
After performing the above activities, do not perform additional impregnation applications,
during works and immediately after their completion, freshly impregnated surfaces should be protect against direct sunlight and precipitation by a minimum 5 hours.
After impregnation, it is not allowed for 24 hours to walk on the impregnated surface, wash it, put furniture and other objects on it.
Comments and recommendations:
Do not allow the applied product to dry between applications.
Do not apply during rain or frost and when surface and air temperature is < 5°C and > 30°C.
All surfaces must be treated to saturation in 1-3 applications “wet on wet” applied, to ensure 100% product efficacy. This varies with substrate, and treating a small trial area is recommended to calculate true consumption.

This information constitutes the basic guidelines for the use of the product and does not release from the obligation to perform work in accordance with the principles of art of the construction, conservation guidelines and health and safety regulations.

Do not apply during rain or frost and when surface and air temperature is < 5°C and > 30°C.

Before application, we recommend testing the product on a small, unexposed area.

HG-1 is a one-component formulation based on siloxanes; meets the requirements of PN-EN 1504-2 tab.3

Warnings

KEEP OUT OF REACH OF CHILDREN & PETS. ATTENTION CAUSTIC PRODUCT

The product contains

2-methyl-2H-isothiazol-3-one

Technical specifications

Product density: approx. 1.0 kg / dm³
PH: approx. 7
Odour: neutral
Colour: milky white, colourless after drying, transparent Resistance to rain: after 5-6 hours
Water absorption coefficient: Wd <0.1 kg / m2 x h1 / 2 or <7.5% acc. PN-EN 1504-2 / EN 13580 /
Diffusion resistance
water vapor: Sd = 0.0 [m]
Alkali resistance - measured with water absorption according to PN-EN 1504-2 / EN 13580 <10%
Penetration depth:> 5 mm, measured according to EN 14630
Drying rate factor class 2 to 1 / depending on the degree of absorption / water absorption substrate, measured according to EN 13579
1L covers approx. 5-11 m²

Available packaging

1L/5L bottle

Expiry date: Up to 36 months of storage at temperatures >+ 5°C to < 30°C, in original unopened manufacturer's packaging. Water-based product = it freezes at temperatures < 0°C.