



STIGOGRAN W

Hydrophobic and oleophobic protective substance

Areas of application	STIGOGRAN W is an impregnating substance for the protection of alkaline building materials from the absorption of water and oil. It is suitable for application on natural stone (e.g. marble, travertine and granite) or artificial stone, concrete, for mineral plasters, bricks, clinker and unglazed tiles. STIGOGRAN W is used for the treatment of floors and worktops in households and industry, window sills, facades, monuments, etc.	
Product description	Aqueous emulsion, mixture of fluoride, silane and siloxane.	
Properties	In addition to the hydrophobic attribute, it is also characterized by an oleophobic attribute. It penetrates deep into the substrate. Substrates treated with STIGOGRAN W become resistant to water, oil, grease and dirt, which makes it easier to remove stains from the substrate and enables easier maintenance. It provides reliable and long-lasting protection against damage that can be caused by freezing, from "blooming", from the intake of harmful substances and microorganisms. The pores of the substrate remain open, so there is almost no effect on vapor transmission. Slightly emphasizes the shade of the material. The repulsive effect of water and oil is achieved after 24 hours.	
Substrate preparation	The substrate must be completely dry, firm, clean, free of grease, free of dust, and absorbent. Completely dry substrate, without water in the capillaries, allows the deepest penetration of STIGOGRAN W into the substrate, which ensures the reliability and durability of water-repellent and oil-repellent effect.	
Application	STIGOGRAN W is ready for use. At longer storage, stir before use. Apply it to the substrate in a thin layer with a roller, brush or spray. When processing smooth, polished surfaces, wait a few minutes after application and rub well with a cotton or other soft cloth. Generally, one coat is sufficient. The optimal temperature for performing works is from + 5°C to + 25°C. Due to the slight emphasis on the shade of the material, it is desirable to carry out a trial application and check the effectiveness of the product.	
Consumption	Consumption depends on the absorbency and roughness of the substrate, and should be determined by testing on a smaller surface area of the material to be treated. The indicative consumption for medium-level bases is 0.15 - 0.5 l/m ² .	
Technical data	Color	White
	Density	≈ 1 g/cm ³
	pH	≈ 8
	Capillary absorption and waterproofing HRN EN 1062-3	Medium value of capillary water absorption coefficient $w = 0,01 \text{ kg/m}^2\text{xh}^{0,5}$
	Depth of penetration HRN EN 1504-2, table 4	8 mm
	Stigogran W complies with the requirements of the standard HRN EN 1504-2, table ZA 1b.	
Packaging	Plastic bottle of 1 l; plastic canister of 3 l, 5 l, 10 l and 25 l.	
Storage	Store at temperatures from +5°C to +30°C, in tightly closed packaging. Protect from direct solar radiation. Protect from freezing!	
Durability	1 year in the original factory packaging.	
Security measures	No special security measures. For detailed information see Safety technical sheet.	

We do not answer for any damages which would result from the wrong choice of material or its incorrect application. For all additional information, please contact us at MDK Građevinar d.o.o., STIG office - production facility, Samoborska 328, tel. 01/3456873, fax. 01/3488326, www.stig.hr, e-mail: stig@stig.hr
Thank you for putting your trust in us!