



STIG IMPREGNATION

Impregnation for porous surfaces

Areas of application	STIG impregnation is used for surface protection of all types of concrete, natural stone, brick, aerated concrete, asbestos-cement panels, mineral plasters, etc. It is also used as a surface hardener for shaking and dusty substrates, to even out and reduce absorption and increase the adhesion of the new coating.	
Structure	Aqueous dispersion of acrylic polymer.	
Properties	STIG impregnation is a milky white liquid that becomes colorless after drying and makes the surface shinier. Because of low viscosity, it penetrates deep into the substrate, creates a moisture barrier and makes the substrate stronger.	
Substrate preparation	Remove all loose parts, visible traces of saltpeter, mildew or other biological organisms from the substrate. The surface should be thoroughly brushed, washed with clean water and dried before applying the impregnation.	
Preparation and use of impregnation	<p>1. For finishing the substrate before painting: Dilute the impregnation in ratio 1 : 2</p> <p>2. As an anti-dust coating for concrete substrates: Dilute the impregnation in ratio 1 : 1 Dilute the Stig impregnation with water and apply it abundantly to the substrate by brush, roller or spray until saturated.</p> <p>3. Treat highly absorbent surfaces without diluting the impregnation</p>	
Cleaning the tools	Wash the tool with water immediately after use. After bonding, hardened material can only be removed mechanically.	
Technical data	Density	≈ 1 g/cm ³
	pH value	≈ 8,0
	Capillary absorption and waterproofing HRN EN 1062-3	Medium value of capillary water absorption coefficient $w < 0,1 \text{ kg/m}^2\text{xh}^{0,5}$
	Depth of penetration HRN EN 1504-2, table 4	≥ 5 mm
	STIG impregnation complies with the requirements of the standard HRN EN 1504-2, table ZA.1b	
Consumption	Consumption depends on the method of use, the absorbency of the substrate, the method of application and weather conditions. Approximately for one coating 0.2 - 0.3 l/m ² .	
Packaging	Bottle with 1l sprinkler.	
Storage	Protect from freezing! Store at temp. from +5°C to +30°C.	
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!