STIGOLIT
Waterproofing rigid coating

Areas of application	Waterproofing coating for walls and floors of basements, for bathrooms, swimming pools, water tanks, shafts, tunnels and others. Suitable regarding the health standards for drinking water.	
Product description	Two-component waterproof coating: COMPONENT A – powder mixture of cement, quartz sand and additives COMPONENT B – white acrylic liquid	
Properties	Good adhesion to all building substrates (concrete, brick, natural stone), high waterproofing, vapor transmission, easy preparation and application. Further works such as gluing ceramic tiles, other floor coverings, and the application of classic and remediation plasters, may occur 2 to 3 days after application of the last layer.	
Substrate preparation	The substrate must be firm, clean, free of grease marks, mildew-free, dust-free and moistened.	
Preparation of STIGOLIT	In appropriate clean vessel infuse component B (liquid), and then add the component A (powder) with slow mixing with an electric mixer. Stir on low speed (< 500 rotation/min) until the mass becomes homogeneous. Leave to stand for 3-4 minutes, then stir again. In order to prepare the mixture for application with an insulating brush, add ~ 1.2 l of water and mix evenly to the desired consistency.	
Application of STIGOLIT	Moisten the prepared substrate with water or (recommendation) STIGOCRYL diluted with water in the proportion 1:4. Apply the first layer of STIGOLIT on a damp surface. Coat with insulating brush, crossy (left-right, up-down). The prepared mixture occasionally stir during work. Apply the second and third layer when the previous layer has dried. Drying time depends on weather conditions (approximately 2 – 10 hours). Before applying a new layer, moisten the surface with water. Coated surface cherish for two to three days with a water mist (especially at elevated temperatures). The lowest application temperature is +5 °C. Recommended is to apply STIGOLIT in 2 – 3 layers.	
Cleaning the tools	Wash the tool with water immediately after use. After bonding, hardened material can only be removed mechanically.	
Technical data	Volume mass of the fresh mixture	≈ 1,9 kg/l
	Moisture vapor transmission HRN EN ISO 7783-2	Relative resistance to water vapor diffusion: 0,05 m Class I s_D < 5 m (Vapor transmission)
	Capillary absorption and waterproofing HRN EN 1062-3	Medium value of capillary water absorption coefficient w = 0,05 kg/m^{2}xh^{0,5}
	Tearing test (Pull-off) HRN EN 1542	Tearing in the material; 2,15 N/mm^2
	Total coating thickness	2,5 - 3 mm
	Stigolit complies with the requirements of the norm HRN EN 1504-2, table ZA.1e	
Consumption	Depending on the roughness of the base ~ 1,9 kg/m^2/mm. Thickness per layer: 0,8 -1,5 mm Recommendation: 2-3 layer	
Packaging	STIGOLIT component A 20 kg. STIGOLIT component B 5 l.	
Storage	STIGOLIT component A Protect from moisture! STIGOLIT component B Protect from freezing! Store at temp. from +5ºC to +30ºC.	
Durability	STIGOLIT component A 1 year in the original factory packaging. STIGOLIT component B 1 year in the original factory packaging.	
Security measures	STIGOLIT component A contains Portland cement which is irritating. 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!