



STYRLEP-B 225

White adhesive-reinforcing mortar for Styrofoam and mineral wool

Areas of application:	Intended for executing reinforcing layers with glass fiber mesh on Styrofoam or mineral wool, as well as for mounting Styrofoam or mineral wool Incorporated in the TURBO, TURBO-S, TURBO-W, TURBO-SA, TURBO-WSA, TURBO-SO, TURBO-WSO, TURBO-SISI, TURBO-WSISI, TURBO-SO PROTECT, TURBO-WSO PROTECT thermal insulation systems by KREISEL
Product features:	White Frost-proof Very high adhesion Contains microfibers Hydrophobic Easy to use Universal
Material base:	<ul style="list-style-type: none"> • White Portland cement • Polymers • Microfibers • Mineral fillers • Refining agents
Application:	
Conditions for application:	Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature. Proceed to applying Styrofoam or mineral wool panels after the groundwork has set, contracted and dried up completely. Proceed to the execution of the reinforcing layer after a minimum of 3 days from the application of Styrofoam or mineral wool
Surface:	The groundwork must be cleaned and properly prepared. When performing reinforcing layers on Styrofoam prone to long-terms sun exposure, grind the oxidized layer off. When executing the reinforcing layer on mineral wool, putty the surface of the panel first.
:	<p>Bricks and ceramic CMUs: Prime with GRUNTOLIT-W 301</p> <p>Concrete, reinforced concrete: Prime with GRUNTOLIT-W 301</p> <p>Autoclaved aerated concrete elements: double prime with GRUNTOLIT -W 301</p> <p>Silicate blocks: Prime with GRUNTOLIT-W 301</p> <p>Cement-lime plaster: Prime with GRUNTOLIT-W 301</p> <p>Styrofoam panels: Apply directly</p> <p>Mineral wool panels: Apply directly</p>
Preparation:	Pour the dry mix maintaining the proportion of 6.5l of water per 25kg of dry mix. Pour gradually to a water container, mixing with a low-speed mixer to produce a homogeneous, lump-free mass. Leave to mature for 5 minutes and mix thoroughly again. If necessary, depending on the conditions, slightly adjust the amount of water added. Do not mix hardened grout with water or fresh material.
Application:	



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Application of insulation panels (Styrofoam and mineral wool): apply the mortar on the panel in an even layer using a toothed trowel (surface method) or apply a trip of the grout (pile) along the edge and 3-6 spots (strip-spot method). Apply lamella panels using the surface method only. Apply the adhesive-coated panel on the groundwork and face it with the neighboring panels.

Notes:

Protect against frostbite, precipitation and excessive drying in the execution of works and during the drying period. The use of protective covers is recommended.
Proceed to further works after a minimum of 3 days from the execution of the reinforcing layer or the application of insulation panels
Insulation panels must be additionally fastened with suitable ties.

Storage:

Maximally 12 months
In dry areas and in non-damaged packaging

Technical data

Consumption	c.a. 4-6 kg/m ²
Concrete adhesion	≥ 0.3 MPa
Styrofoam adhesion	≥ 0.08 MPa
Mineral wool adhesion	≥ 0.08 MPa

General notes:

This sheet supersedes all previous versions. The information included in this technical sheet represents the current knowledge and practical experience. The information sheet contains general information only and shall not be construed as any basis for manufacturer liability for performance and use. Differences and specific execution conditions may occur. The product is to be used according to the required level of technical knowledge and OHS principles. Avoid skin contact and protect the eyes. In the case of eye contact, wash the eyes abundantly with clean water and seek medical assistance. The use of gloves, goggles and protective clothing is recommended.