



## LEPSTYR 210 EXTRA

Adhesive for mounting graphite Styrofoam panels

<b>Areas of application:</b>	Adhesive for mounting graphite and common Styrofoam panels in external thermal insulation systems. Can be applied on various types of mineral groundworks: concrete, cement-lime, ceramic, silicate, autoclaved aerated concrete, etc. Incorporated in the TURBO, TURBO-S, TURBO-SA, TURBO-SISI, TURBO-SO PROTECT, TURBO-GRAFIT thermal insulation systems by KREISEL
<b>Product features:</b>	Waterproof Frost-proof High grip to graphite Styrofoam High durability Vapor-permeable For various groundworks
<b>Material base:</b>	<ul style="list-style-type: none"> <li>• Portland cement</li> <li>• Quartz aggregate</li> <li>• Mineral fillers</li> <li>• Refining agents</li> </ul>
<b>Application:</b>	
<b>Conditions for application:</b>	Apply in temperatures from +5°C to +25°C, these temperature refer to air, groundwork and product temperature. Proceed to applying Styrofoam panels after the groundwork has set, contracted and dried up completely.
<b>Surface:</b>	The groundwork must be cleaned and properly prepared. Apply seasoned Styrofoam panels fulfilling specific requirements
:	<p><b>Bricks and ceramic CMUs:</b> Prime with GRUNTOLIT-W 301</p> <p><b>Concrete, reinforced concrete:</b> Depending on absorbency rates, prime with GRUNTOLIT-W 301 or GRUNTOBET 310.</p> <p><b>Autoclaved aerated concrete elements:</b> prime with GRUNTOLIT-W 301 or GRUNTOLIT-SG 302</p> <p><b>Silicate blocks:</b> Prime with GRUNTOLIT-W 301</p> <p><b>Cement-lime plaster:</b> Prime with GRUNTOLIT-W 301</p>
<b>Preparation:</b>	Mix the dry powder with water maintaining a proportion of 6.3l per 25kg of dry mix. Pour gradually to the water container, mixing with a low-speed mixer to produce a homogenous mass without lumps. Leave to mature for 5 minutes and mix again, thoroughly. If necessary, depending on the conditions, slightly adjust the amount of water added. Do not mix hardened grout with water or fresh material.
<b>Application:</b>	Apply the mortar evenly with a toothed trowel (surface method) or apply a stripe of mortar (fitch) along the edges as well as 3-6 spots (strip-spot method). Apply the panel with mortar to the groundwork and level it with the neighboring panels. When applying insulation panels, make sure the adhesive covers 40% of their surface. Observe all tying principles when applying insulation panels. When using graphite Styrofoam, covers limiting the effect of sun exposure must be unconditionally used.



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<b>Notes:</b>	Protect against frost, precipitation, excessive drying during the execution of works and drying. Do not apply scaffolding covers. Insulation panels must be additionally fastened with suitable ties. Adhere to Styrofoam manufacturer's guidelines Commence further works after a minimum of 3 days from the application of Styrofoam panels
<b>Storage:</b>	Maximally 12 months In dry areas and in non-damaged packaging
<b>Amount per unit</b>	• 25 kg

### Technical data

<b>Concrete adhesion</b>	≥ 0.3 MPa
<b>Styrofoam adhesion</b>	≥ 0.08 MPa
	≥ 0.08 MPa
<b>Shelf life</b>	2 hours (at +20°C)
<b>Treatment time</b>	up to 20 minutes
<b>Consumption</b>	c.a. 4-5 kg/m <sup>2</sup>

**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.