



# LEPSTYR Z 211

Winter adhesive for mounting Styrofoam panels

**Areas of application:** Intended for mounting Styrofoam panels in low temperature conditions - above 00. Can be applied on various types of mineral groundworks: concrete, cement-lime, ceramic, silicate, autoclaved aerated concrete, etc. Incorporated in the TURBO Z-SA thermal insulation system

- Properties:**
- Waterproof
  - Frost-resistant
  - High grip
  - Vapor-permeable
  - Accelerated drying

**Application procedure:**



Technical data	
Item no.	26757
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Pcs/pallet
Colour	Grey
Granulation	0 - 0.5 mm
Consumption	4.5 kg/m <sup>2</sup>
Drying time	from 24 to 48 hours
Application time	1 - 3 h
Application time-Tip	the time depends on the temperature and air humidity
Bulk density	approx. 1.45 g/cm <sup>3</sup>
Layer thickness	2 - 15 mm
Hardening time (at > +5 °C)	approx. 8 h
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 6.25 l/bag
Adhesion to (Concrete)	≥ 0.5 MPa
Adhesion to (Styrofoam)	≥ 0.8 MPa
Adhesion to (Graphite styrofoam)	≥ 0.8 MPa

**The product conforms to:** • PN-EN 13499:2005

- Material base:**
- Quartz aggregate
  - Mineral fillers
  - Additives
  - Portland cement

**Surface:** The groundwork must be cleaned and properly prepared. Apply seasoned Styrofoam panels fulfilling specific requirements

- Types of substrate:**
- Bricks and ceramic CMUs:** Pime with GRUNTOLIT-W 301 or EXPERT 6
  - Concrete, reinforced concrete:** Pime with GRUNTOLIT-W 301 or EXPERT 6
  - Autoclaved aerated concrete elements:** Pime with GRUNTOLIT-W 301 or EXPERT 6
  - Silicate blocks:** Pime with GRUNTOLIT-W 301 or EXPERT 6
  - Cement-lime plaster:** Pime with GRUNTOLIT-W 301 or EXPERT 6



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<b>Preparation:</b>	<p>Pour the dry mix gradually to a container with a sufficient amount of clean, cool water. Mix manually or using a low-speed mixer to produce a homogeneous mass without lumps. Leave to mature for 5 minutes and mix again. The mass should be thick enough not to slide from a trowel when set at an angle.</p> <p>If necessary, depending on the conditions, slightly adjust the amount of water added. Do not mix the hardened grouting mixture again.</p>
<b>Application procedure:</b>	<p>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 the adhesive-coated panel on the groundwork and face it with the neighboring panels.</p> <p>When applying insulation panels, make sure the adhesive covers 40% of their surface. Observe all tying principles when applying insulation panels.</p>
<b>Application conditions:</b>	<p>Apply in temperatures from 0 °C to +25 °C. These temperatures apply to air, groundwork and product temperature.</p> <p>Proceed to applying Styrofoam panels after the groundwork has set, contracted and dried up completely.</p>
<b>Instructions:</b>	<p>Protect for the duration of works and for 8 hours from application against frostbite and other adverse weather conditions. When carrying out facade works in adverse weather conditions, apply dedicated covers limiting the effect of these conditions.</p> <p>Insulation panels must be additionally fastened with suitable ties.</p> <p>Protect against frost, precipitation, excessive drying during the execution of works and drying. Do not apply scaffolding covers.</p> <p>Adhere to Styrofoam manufacturer's guidelines</p> <p>Commence further works after a minimum of 3 days from the application of Styrofoam panels</p>
<b>Storage:</b>	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>
<b>General information:</b>	<p>This product data sheet replaces all its previous versions. The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions. The product shall be applied in accordance with required technical knowledge and OHS rules. Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.</p>