



LEPSTYR-W 230

Adhesive for mounting mineral wool panels

Areas of application: Adhesive for mounting lamella mineral wool panels on ceilings.
Can be applied on various types of mineral groundworks: concrete, cement-lime, ceramic, silicate, autoclaved aerated concrete, etc.
Incorporated in the TURBO-W, TURBO-WSA, TURBO-WSO, TURBO-WSISI, TURBO-WSO PROTECT thermal insulation systems by KREISEL

Properties:

- Waterproof
- Frost-resistant
- High grip
- Vapor-permeable
- Easy to process

Application procedure:



Technical data	
Item no.	11850
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Pcs/pallet
Colour	Grey
Granulation	0 - 0.5 mm
Consumption	5.5 kg/m ²
Drying time	from 24 to 48 hours
Application time	2 - 3 h
Application time-Tip	the time depends on the temperature and air humidity
Bulk density	approx. 1.45 g/cm ³
Layer thickness	2 - 15 mm
Hardening time (at approx. +20 °C)	approx. 24 h
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 6.25 l/bag
Adhesion to (Concrete)	≥ 0.25 MPa
Adhesion to (mineral wool)	≥ 0.08 MPa

The product conforms to: • European technical assessment ETA 15/0575

Material base:

- Quartz aggregate
- Mineral fillers
- Additives
- Portland cement

Surface: The groundwork must be cleaned and properly prepared.
Apply mineral wool panels fulfilling specific requirements

Types of substrate:

Bricks and ceramic CMUs: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301
Concrete, reinforced concrete: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301
Autoclaved aerated concrete elements: Prime with GRUNTOLIT-W 301 or EXPERT 6
Silicate blocks: Prime with GRUNTOLIT-W 301 or EXPERT 6
Cement-lime plaster: Prime with GRUNTOLIT-SG 302 or EXPERT 5



LEPSTYR-W 230

Adhesive for mounting mineral wool panels

Preparation:	<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>
Application procedure:	<p>Apply the mortar evenly with a toothed trowel (surface method) or apply a stripe of mortar (flitch) 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.</p> <p>When applying insulation panels, make sure the adhesive covers 40% of their surface.</p> <p>When mounting lamella panels, apply the surface method only</p> <p>Observe all tying principles when applying insulation panels.</p>
Application conditions:	<p>Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature.</p> <p>Proceed to applying mineral wool panels after the groundwork has set, contracted and dried up completely.</p>
Instructions:	<p>Protect against frostbite, precipitation and excessive drying in the execution of works and during the drying period. The use of protective covers is recommended.</p> <p>Insulation panels must be additionally fastened with suitable ties.</p> <p>Proceed to further works after a minimum of 3 days from mounting the mineral wool panels</p>
Storage:	<p>Up to 12 months from the date of manufacture, in dry places and in intact packaging</p>
General information:	<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>