

TECHNICAL DATA SHEET

LEPSTYR-W 230

Adhesive for mounting mineral wool panels



Areas of application

Adhesive for mounting lamella mineral wool panels on ceilings. 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-WSIS, TURBO-WSO PROTECT thermal insulation systems by KREISEL Incorporated in the TURBO-WG thermal insulation system

Properties

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

Application procedure



Technical data

Item number	11850
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Grain size	0-0,5 mm
Colour	Grey
Consumption	5,5 kg/m ²
Water requirement	approx. 6,2 L/unit
Tensile adhesive strength	≥ 0,25 MPa Concrete ≥ 0,08 MPa mineral wool
Hardening time	approx. 24 h
Chromium content	≤ 0,0002 %
Coating thickness	0-15 mm
Bulk density	approx. 1,45 g/cm ³

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Item number	11850
Drying time	24 h 48 h
Processing time	2 h - 3 h
Processing time tip	the time depends on the temperature and air humidity

Material base

- Mineral fillers
- Portland cement
- Additives
- Quartz additive

Application conditions

Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. Proceed to applying mineral wool panels after the groundwork has set, contracted and dried up completely.

Surface

The groundwork must be cleaned and properly prepared. Glue mineral wool boards according to EN 13162, 50 to 300 mm thick. With a minimum strength of TR10.
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-W 301 or EXPERT 6
Concrete with very smooth surface: Prime with GRUNTOBET 310

Preparation

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. If necessary, depending on the conditions, slightly adjust the amount of water added. Do not mix the hardened grouting mixture again.

Application procedure

Apply the mortar evenly with a toothed trowel (surface method) or apply a stripe of mortar (flicht) 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. When mounting lamella panels, apply the surface method only. Observe all tying principles when applying insulation panels.

Instructions

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

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

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General information

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.

All technical data listed in this product specification has been determined under laboratory conditions.