KREISEL

TECHNICAL DATA SHEET

STYRLEP-W 240

Adhesive-reinforcing mortar for mineral wool

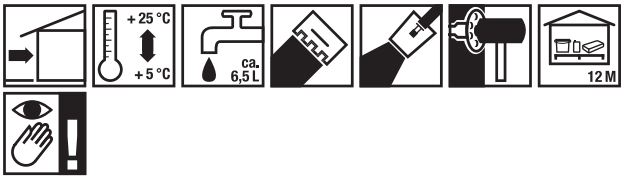
Areas of application

Intended for executing reinforcing layers with glass fiber mesh on mineral wool, as well as for mounting mineral wool in thermal insulation systems Incorporated in the TURBO-W, TURBO-WSA, TURBO-WSO, TURBO-WSISI, TURBO-WSO PROTECT thermal insulation systems by KREISEL

Properties

- High hydrophobic
- Frost-proof
- High adhesion
- Contains microfibers
- Easy to process
- Elastic
- Vapor-permeable

Application procedure



Technical data

Item number	11849
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Grain size	0-1 mm
Colour	Grey
Consumption	5,5 kg/m^2
Water requirement	approx. 6,5 L/unit
Tensile adhesive strength	≥ 0,25 MPa Concrete ≥ 0,08 MPa mineral wool
Hardening time	approx. 24 h

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Item number	11849
Chromium content	≤ 0,0002 %
Bulk density Compacted zone	1,5 g/cm^3
Coating thickness	0-6 mm
Processing time	2 h - 3 h
Processing time tip	the time depends on the temperature and air humidity

Material base

- Microfibers
- Polymers
- Portland cement
- Quartz sand

Application conditions

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 mineral wool

Surface

The groundwork must be cleaned and properly prepared. When executing the reinforcing layer, putty the surface of the panel first. Apply mineral wool panels fulfilling specific requirements
Bricks and ceramic CMUs: Prime with GRUNTOLIT-W 301
Concrete, reinforced concrete: Prime with GRUNTOLIT-W 301
Autoclaved aerated concrete elements: double prime with GRUNTOLIT -W 301
Silicate blocks: Prime with GRUNTOLIT-W 301
Cement-lime plaster: Prime with GRUNTOLIT-W 301
Mineral wool panels: Apply directly

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

Making the reinforced layer: initially fill the boards with a thin layer of adhesive firmly pressing the trowel, then apply the mortar to the surface of the mineral wool board, drag with a notched trowel, apply the reinforcing mesh strip and level evenly until it is completely covered. Reinforcing mesh strips should be laid with an overlap of about 10cm. The layer reinforced with a single mesh should be 3-5mm thick. Application of mineral wool panels: 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. 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. 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

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ties.

Storage

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

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.