

TECHNICAL DATA SHEET

LEPSTYR Z 211

Winter adhesive for mounting Styrofoam panels



Areas of application

Intended for mounting Styrofoam panels in low temperature conditions - above 0 °C. 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 It can be used with both graphite and white polystyrene.

Properties

- Waterproof
- Frost-resistant
- High adhesion
- Vapor-permeable
- Accelerated drying

Application procedure



Technical data

Item number	26757
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Grain size	0-0,5 mm
Colour	Grey
Consumption	4,5 kg/m ²
Water requirement	approx. 6,25 L/unit
Tensile adhesive strength	≥ 0,05 MPa Concrete ≥ 0,08 MPa Styrofoam ≥ 0,08 MPa Graphite styrofoam
Hardening time	approx. 8 h
Chromium content	≤ 0,0002 %
Coating thickness	0-15 mm
Bulk density	approx. 1,45 g/cm ³

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Item number	26757
Drying time	24 h 48 h
Processing time	1-3 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 0 °C to +25 °C. These temperatures apply to air, groundwork and product temperature. Proceed to applying Styrofoam panels after the groundwork has set, contracted and dried up completely.

Surface

The groundwork must be cleaned and properly prepared. Apply seasoned Styrofoam panels fulfilling specific requirements
Bricks and ceramic CMUs: Prime with GRUNTOLIT-W 301 or EXPERT 6
Concrete, reinforced concrete: Prime with GRUNTOLIT-W 301 or EXPERT 6
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

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 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. When applying insulation panels, make sure the adhesive covers 40% of their surface. Observe all tying principles when applying insulation panels.

Instructions

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. Insulation panels must be additionally fastened with suitable ties. Protect against frost, precipitation, excessive drying during the execution of works and drying. Do not apply scaffolding covers. Adhere to Styrofoam manufacturer's guidelines Commence further works after a minimum of 3 days from the application of Styrofoam 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.