

Wełnolep K

DRY SET MORTAR

FIELD OF APPLICATION:

Elastic, frost-proof, water resistant and vapour permeable cement mortar of improved adhesiveness for fixing mineral wool boards to external building surfaces. The mortar can also be used for spackling and filling small cracks.

SUBSTRATE PREPARATION:

The surface should be even, sound, dry and free from contaminants such as dust, lime, fat and protruding coating residues which decrease adhesiveness of the mortar. In order to increase the adhesiveness and eliminate dusting, the surface should be primed with the MajsterGrunt Universal or MajsterGrunt Deep Penetrating agent.

PRODUCT PREPARATION:

Content of the bag is to be put inside a container with a measured quantity of water (5.0-5.5 litres of water per 25 kg of the mortar) and stirred carefully with a mixer/low-speed drill with a stirrer basket until a homogeneous mass is obtained. After 5 minutes the mass should be stirred again and then it becomes ready for use. Depending on temperature and humidity, the mass remains applicable for approximately 2 hours. Special attention should be paid to using equal doses of water in the case of each mortar packaging. The packaging contains a ready product and no other ingredients except for water should be added.

DIRECTIONS FOR USE:

Fixing of mineral wool boards:

- **ordinary boards** (unordered fibre structure): Prior to applying the adhesive mortar, mudding of the surfaces should be performed with the use of the mortar. The adhesive mortar should be applied on the edges in minimum 3-4 cm wide stretches, whereas on the rest of the surface - in dabs of about 8-12 cm in diameter. Sticking mineral wool by only putting dabs on the surface is unacceptable. Total surface of the adhesive mass applied should cover at least 40% of the board surface.

- **lamellar boards** (ordered fibre structure): The whole board surface should be puttied with the adhesive mortar. The adhesive mortar should be applied evenly on the whole surface of the board with the use of a notch trowel with min. 10-mm notches. Total surface of the adhesive mass applied should cover 100% of the board surface.

The boards so prepared should be immediately imposed to the wall and pressed until the surface has become even with the neighbouring boards. Operating parameters of the adhesive mortar remain stable for approximately 10 minutes from the moment of sticking to the wall. Do not move or change the position of the boards when this time expires.



It is assumed that installing the system with the use of mineral wool of unorganised fibre structure (the so called 'ordinary boards') as an insulating material is mechanical (connectors in accordance with ETA) and the layer of glue is the positioning element which facilitates installation of the boards, this is why two days after they were glued, they should be additionally fitted with the mechanical connectors listed in ETA.

In the case of mineral wool boards of organised fibre structure (the so called 'lamellar boards') the building insulation plan points to the necessity of using fixing pins and specifies their type. Buildings with a height up to 12 m do not require the use of fixing pins when the substrate is adequately stable.

APPLICATION RECOMMENDATIONS:

The temperature of the substrate and the environment during the works and the adhesive drying period should be between + 5°C and + 25°C. The works should not be performed in direct sunlight or during rainfall without protection (protective nets). No works should be performed when the temperature falls below + 5°C. The product cannot be used for embedding mesh reinforcement.

CONSUMPTION:

The adhesive consumption depends on the degree of evenness of the surface. Reinforcing layer usually consumes ca. 5.0 – 6.0 kg of dry mixture per 1m².

SAFETY:

Types of hazard indicators:

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to the eyes.

R43 May cause sensitisation by skin contact.

Recommended safety phrases:

S2 Keep out of the reach of children

S22 Do not breathe dust

S24/25 Avoid contact with skin and eyes

S36/37 Wear suitable protective clothing and gloves

Includes: Portland cement

STORAGE AND TRANSPORT CONDITIONS:

The packaging should be stored tightly closed in a dry and cool place. Best for use within 9 months from the date of production placed on the packaging.

PACKAGING:

25-kg multilayer ventilated paper bag

COMPOSITION:

Weinolep K is a dry mixture of sand, grey Portland cement, modifying additives and redispersible powder.

Chromium (VI) content
Colour:

< 2 ppm
grey

TECHNICAL DATA:

Application and substrate temperature: from + 5°C to + 25°C

Adhesion between the mortar and concrete substrate (ETAG 004)

-in dry conditions	≥ 0.25 MPa
-48 hours of immersion in water + 2 h of drying at (23 ± 2) °C and (50 ± 5)% RH	≥ 0.08 MPa
-48 hours of immersion in water + 7 days of drying at (23 ± 2) °C and (50 ± 5)% RH	≥ 0.25 MPa

Adhesion between: the mortar and thermal insulation product (ETAG 004)

-in dry conditions	≥ 0.08 MPa
-48 hours of immersion in water + 2 h of drying at (23 ± 2) °C and (50 ± 5)% RH	≥ 0.03 MPa
-48 hours of immersion in water + 7 days of drying at (23 ± 2) °C and (50 ± 5)% RH	≥ 0.08 MPa

The product is a component of the set of products for insulating external walls of buildings with the ETICS MAJSTER-POL MINERAL system. Information provided in the Technical Data Sheet is to ensure an optimal use of the product, however, it does not constitute grounds for the Producer to assume legal responsibility as the conditions of workmanship are beyond the Producer's control. Works should be carried out in accordance with construction good practices. Any interference in the product composition is inadmissible and can significantly degrade the quality of the material used. In the case of mixing the products with those of other manufacturers Majster-Pol does not take responsibility for the quality.

FORMAL AND LEGAL DOCUMENTS:

European Technical Assessment ETA 14/0238

Declaration of performance no MP/019/2014

Certificate no HK/B/0515/01/2014 issued by the National Institute of Hygiene (PZH)

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ETICS MAJSTER-POL MINERAL
ETAG 004

Upon release of this Technical Data Sheet all previous technical data sheets expire.