

# PROFI FASSADE FIX

## Mineral wool adhesive

### Advantages

- For fixing and reinforcement
- High content of additives
- Contains reinforcing fibers
- Superior grip
- Excellent workability
- Crack resistant
- Shock resistant
- Flexible

### PREPARATION OF THE SUPPORT SURFACE

The support surface must be clean, non-deformable, dry, fixed and devoid of substances non-stick (fats, bitumen, dust, etc.). Check adhesion of existing plasters and paints.

Surfaces with traces of non-stick substances, mold, algae, fungi will be cleaned with a jet of water under pressure and with a wire brush. Renders swollen or detached must be removed.

Repairs will be carried out with a mortar on the base of cement with adhesive properties. In case of the surfaces are very absorbent, they must be primed or watered and wait until the film of water disappears. When fixing: mineral wool boards must be dry, clean, without traces of dust and other impurities. For reinforcement: the surfaces of the mineral wool plates must be dry, clean, without traces of dust and other impurities and not to show bumps in the meeting areas between the plates.

### Area of use

It is used for fixing and plastering basaltic mineral wool boards. It can be applied on all conventional surfaces, of concrete, lightweight concrete, porous concrete, plasters cement, lime-cement plasters, old plasters and directly on any type of masonry. It is recommended for thermal insulation of newly built buildings and old ones, or for buildings to be thermally rehabilitated. It's part of the thermal insulation system with mineral wool ISOVER PROFI FASSADE THERM.



### HOW TO PREPARE

Pour the contents of a bag into approx. 5.2 – 5.8 liters of clean water and mix with an electric mixer until a homogeneous mixture is obtained, without agglomerations. After a rest of approx. 5 minutes mix again.

For fixing: The adhesive mortar thus obtained is applied on the perimeter of the mineral wool board and in a few points (3-6), so that when mounting the boards of thermal insulation the adhesive will cover at least 40% from their surface. In the case of flat surfaces, plastered, the adhesive mortar must be applied with a trowel with 10-15 mm teeth over the entire surface mineral wool boards.

It is fixed by manual pressure, and the flatness and the verticality is adjusted with the help of the level. The fixing of the boards starts from the bottom, from the start profile and mounts in a masonry type connection. Additional mechanical fixation is done with anchors, after 1-3 days after fixing the boards with adhesive.

For reinforcement: The adhesive mortar is spread with a trowel with 8-10 mm teeth in an even layer on the surface of the board.



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## Mineral wool adhesive

A thin layer of adhesive must be applied previously on mineral wool boards with the help of a stainless-steel iron. This is necessary to increase the adhesion between mineral wool and adhesive.

ISOVER PROFI FASSADE MESH fiberglass reinforcement mesh will be embedded in the adhesive with the help of a trowel.

The mesh strips are mounted by overlapping minimum 10 cm. Apply the second layer immediately, wet on wet, approx. 1.5 mm, leveling the surface in such a way that the mesh to be completely covered.

### RECOMMENDATIONS

The works will be executed at a temperature of the air and the support from +5 C to +30 C.

During the application the surface must be protected from the strong rays of the sun and precipitation. It is recommended that the thermal insulation system should be applied so that it is not exposed to frost or rain for 24 hours after application.

In conditions of high humidity and low temperatures, mounting anchors for mechanical fixing of the thermal insulation boards, is done only after checking whether the adhesive has hardened, and the thermal insulation boards are completely fixed. The verification can be done by mounting 4-5 test dowels. The used tools are washed with water immediately after use.

### CONSUMPTION

For fixing: approx. 4-6 kg/m<sup>2</sup>

For reinforcement: approx. 3-4 kg/m<sup>2</sup>

### Packaging

In paper bags of 25 kg. Pallets of 1200 kg (48 bags).

### STORAGE

Storage is done in a dry environment, on wooden pallets, in the original undamaged packaging.

### SHELF LIFE

12 months from date of manufacture.

Technical specifications	
PARAMETER	Value
Homogenizing water	cca. 5,2-5,8 l/sac
Density	1300-1400 kg/m <sup>3</sup>
Tensile adhesion (cement-adhesive-rigid mineral wool mortar support)	≥0,06 N/mm <sup>2</sup>
Adhesion to concrete support (28 days)	≥0,85 N/mm <sup>2</sup>
Water vapor permeability, μ	< 10
Absorption of water by capillarity	W2 Class
Reaction to fire	A1 Class
Time to apply	Approx. 90 min

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