

adhesives and glues  
glues for coatings

# BASIFLEX

Powder flexible adhesive for thermal coating systems



### Product description

Dry premixed adhesive based on selected inerts, hydraulic binders and special additives to improve workability and elasticity.

### Supply and Storage

BASIFLEX is supplied in bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiry date stamped on the bag.

### Surface Preparation and Application

The areas of installation must be free from dust and dirt. Any traces of oils, fats, waxes, etc. must first be removed, as well as any inconsistent or brittle parts. Prepare the dough by adding about 5,5 liters of clean water for every 25 kg bag of BASIFLEX and mix by hand or with mechanical stirrer to obtain a homogeneous mixture free of lumps. The dough thus obtained has a pot life of about 4 hours. After being allowed to stand for 10 minutes, stir again and apply as usual with the metallic spatula on the panel, tapping it if necessary, to make it well-adherent to the support. The panels must be falsely installed and they require fixing with appropriate anchors. Later, after at least 48-72 hours, proceed, by using the same product, to the shaving of the panels by using a toothed spatula, taking care to respect a minimum thickness of 3 mm so that an alkali-resistant fiberglass mesh can be embedded. Before the finishing (decorative coating from the arteMURI line), wait for min. 14 days.

### Fields of use

BASIFLEX is a premixed adhesive used for bonding and leveling expanded polystyrene insulation panels and mineral wool of the Grigotherm line.

### Specifications

The insulation panels should be glued with the powder grey flexible adhesive BASIFLEX from Fornaci Calce Grigolin, based on hydraulic binder, selected sands, resins and special additives to improve workability and grip, at a rate of 8-10 kg/m<sup>2</sup> (bonding and shaving). The installation areas should be clean and stable, then, after at least 48-72 hours, proceed to the shaving of panels by using the same product.

### Technical data according to the UNI EN 998-1 Standardf

Specific weight	1400 kg/m <sup>3</sup> determined in free fall
Available colors	grey
Particle size	0,8 mm
Application thickness	2-3 mm per coat
Water in the mix	27% ca.
Consumption	8-10 kg/m <sup>2</sup> (adhesive+skim plaster)* 4-6 kg/m <sup>2</sup> (skim plaster)*
Pot life after mixing	approx. 4 hrs.
Mechanical resistance to compression at 28 days	CS IV
Adhesion to brick	1,5 N/mm <sup>2</sup>
Fracture type	A
Flexibility	high
Permeability to water vapor μ	15
Water absorption	W1
Fire resistance	A1 class
Thermal conductivity λ	0,46 W/mK (valore tabulato)

\* Values depend on tile and surface type

### Disclaimers

Do not mix BASIFLEX with other substances. Avoid extreme changes in heat while hardening. The product must be protected from frost and rapid drying. We do not recommend using BASIFLEX when temperatures are below +5°C or above +30°C. For the application onto thick plasters or thermal insulation plasters, check for proper curing.

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The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Fornaci Calce Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.