

adhesives and glues
glues for coatings

AC 07 ISOLFLEX

AC 08 ISOLFLEX

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

AC 07-AC 08 Isolflex is supplied in bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact. Available also in bulk with silo plant.



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. Before attaching the panels, carefully evaluate the support status. In case of blunt support, apply, evenly distributed, the water fixative type ONE MICRO of the arteMURI product line. Concrete, reinforced concrete or similar surfaces must be completely clean and dry, free from oils, disarming agents and any element that may compromise glue adhesion. It is recommended that, prior to bonding, the application of PRG 101 of the arteMURI product line, pigmented adhesion primer with high binding power. Apply one hand of properly diluted PRG 101 by distributing the product uniformly on the surface. The product is pigmented with green to improve visibility during application. After at least 24 hours and within 48 hours of application, in order to allow the complete drying of the product, proceed with the bonding of the insulating panels. Prepare the dough by adding about 6 liters of clean water for every 25 kg bag of AC 07-AC 08 Isolflex 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

AC 07-AC 08 Isolflex is a premixed adhesive used for bonding and leveling expanded polystyrene insulation panels and mineral wool of the Grigothem line.

Voci di capitolato

The insulation panels should be glued with the powder gray/white flexible adhesive AC 07-AC 08 Isolflex 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/m² (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 Standard

Specific weight	1350 kg/m ³ determined in free fall
Available colors	AC 07 Isolflex grey AC 08 Isolflex white
Particle size	0,8 mm
Application thickness	2-3 mm per coat
Water in the mix	23% ca.
Consumption	8-10 kg/m ² (adhesive+skim plaster)* 4-6 kg/m ² (skim plaster)*
Pot life after mixing	approx. 4 hrs.
Mechanical resistance to compression at 28 days	category CS IV
Adhesion to brick	1,5 N/mm ²
Fracture type	A
Flexibility	high
Permeability to water vapor μ	15
Water absorption	W1
Fire resistance	class A1
Thermal conductivity λ	0,42 W/mK (tabulated value)

* Values depend on tile and surface type

Disclaimers

Do not mix AC07-AC08 Isolflex 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 AC 07-AC 08 Isolflex when temperatures are below +5°C or above +30°C.

v. 11/2017

Numero Verde
800 350907

www.fornacigrigolin.it
info@fornacigrigolin.it

Grigolin
evoluzioni costruttive

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.