

adhesives and glues for coatings

AC 16 UNIRAS

**Light color, powder, adhesive skim
plaster for thermal insulation
coatings**



Product description

Dry premixed skim plaster based on selected inerts, hydraulic binders and special additives to improve workability and increase adhesive power.

Supply and Storage

AC16 Uniras is supplied in bags on stretch pallets. Store in a cool, dry and non ventilated place. Keep packaging intact.



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 7 liters of clean water for every 25 kg bag of AC16 Uniras 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 plastic anchors. Later, after at least 48-72 hours, proceed, by using the same product, to the shaving of the panels by using a metallic spatula, taking care to respect a minimum thickness of 3 mm so that an alkali-resistant fiberglass mesh can be embedded. Before the finishing (decorati-

ve coating from the arteMURI line), wait for min. 14 days.

Fields of use

AC16 Uniras is a premixed adhesive used for bonding and leveling any type of insulation panels of the Grigothem line. Is is used to embed reinforcement meshes.

Specifications

The insulation panels should be glued with the powder white skim plaster AC16 Uniras 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

* Values depend on tile and surface type	1.350 kg/m ³ determined in free fall
Thermal conductivity	< 1,25 mm
Fire resistance	2-3 mm. per coat
Water absorbtion	approx. 28%
Permeability to water vapor →	8-10 kg/m ² (adhesive+skim plaster)* 4-6 kg/m ² (skim plaster)*
Flexibility	CS III
Fracture type	approx. 4 hrs.
Adhesion to brick	1,2 N/mm ²
Mechanical resistance to compression at 28 days	A
Pot life after mixing	good
Consumption	14
Water in the mix	W1
Application thickness	A1 class
Particle size	0.38 W/mK (tabulated value)
Specific weight	

Disclaimers

Do not mix AC16 Uniras 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 AC16 Uniras when temperatures are below +5°C or above +30°C. For the application onto thick plasters or thermal insulation plasters, check for proper curing.

I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.