

adhesives and glues glues for coatings

AG 14 POLYFLEX

Light color, powder, multi-purpose skim plaster with low elastic module



Product description

Dry premixed skim plaster based on selected inerts, hydraulic binders, synthetic fibers and special additives to improve workability and elasticity.

Supply and Storage

AG14 Polyflex 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 AG14 Polyflex 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, at a rate of approx. 2-3 cm. per coat (if the application is made on thermal insulation plaster, do not exceed that thickness).

Any finishing of the product must be done during plastic phase, by moistening the surface and then working with the plastic float until obtaining a fine finish. Before the finishing (decorative coating from the arteMURI line), wait for min. 14 days.

Fields of use

AG14 Polyflex is a premixed skim plaster used to level surfaces of plasters that have imperfections. The special formula allows for the finish of plasters that have

imperfections up to maximum 5 mm. and for the filling of cracks on plasters, before applying the finish. Particularly indicated for restoration works and for applications on thermal insulation plaster (like Hydrotherm), on certain types of insulation bricks (cellular cement blocks or mineral wood) before the application of the finish; this intervention must be carried out on properly seasoned thermal insulation plasters (1 week per cm of thickness applied). It may be used to glue and level mineral wood panels and to level cork or mineral wool insulation panels in the thermal insulation coating of the Grigothem line. Is used to embed reinforcement meshes.

Specifications

The plaster (thermal insulated or regular) should be leveled with the multi-purpose powder skim plaster AG14 Polyflex of Fornaci Calce Grigolin, based on hydraulic binders, selected sands, resins and special additives to improve workability and grip, at the rate of 1.4 kg/m² per mm of thickness. The installation areas should be clean and stable. Later, after at least 14 days, proceed to the final finishing with a mural coating of the arteMURI line.

Technical data according to the UNI EN 998-1 Standard

Specific weight	1200 kg/m ³ determined in free fall
Particle size	< 1,25 mm
Application thickness	2-3 mm. per coat
Water in the mix	approx. 30%
Consumption	10-12 kg/m ² (adhesive+skim plaster)* 6-8 kg/m ² (skim plaster)*
Pot life after mixing	approx. 4 hrs.
Mechanical resistance to compression at 28 days	CS III
Adhesion to brick	1,2 N/mm ²
Fracture type	A
Flexibility	good
Permeability to water vapor μ	13
Water absorption	W1
Fire resistance	A1 class
Thermal conductivity λ	0.36 W/mK (tabulated value)

* Values depend on tile and surface type

Disclaimers

Do not mix AG14 Polyflex 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 AG14 Polyflex when temperatures are below +5°C or above +30°C. For the application onto thick plasters or thermal insulation plasters, check for proper curing.

