Intonaci di fondo

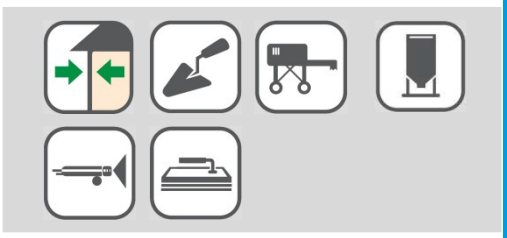
YA 1000 FIBRO

Highly resistant fibre-reinforced structural plaster for interiors and exteriors

Cement-based primer plaster suitable for the execution of plasters with structural functions also in combination with SISMANET structural networks and other components of our SISMAWALL CRM (Composite Reinforced Mortar) system, for interiors and exteriors in restoration or renovation operations. Compressive strength: 22.0N/mm2.

Complies with UNI EN 998-1 class CS-IV and UNI EN 998-2 class M20.

Fiber-reinforced plaster composed of cement, selected sand and additives designed to improve workmanship and technical characteristics.



Complies with European standard
EN 998-1 GP-CS IV-W0
EN 998-2 G M20

PREPARATION

The surfaces must be stable, resistant and clean, dust and dirt must be removed. Irregularities and protuberances must be eliminated and any holes must be sealed at least 12 hours before applying the plaster. Always wet the substrate surface, apply an adequate render of **YA 1000 FIBRO** cement mortar with the addition of **UNIGETT** at a rate of one liter for every 5-10 kg of product. Particularly absorbent wall surfaces, with different degrees of absorption or tending towards weak chalking, must be adequately treated with **CONSOLIDANTE P1** until a valid support for good adhesion is obtained. For particularly smooth and compact surfaces it is recommended to prepare a base of adequate adhesion with **MINERAL GRIP** or, depending on the application needs, with **PRIMER 48**. For more difficult cases, apply an adhesive grout composed of **UNIGETT**.

APPLICATION

Before application the armor must be positioned as follows:

1. Removal of the plaster and exposing the wall texture
2. Perforations and insertion of rods. 4 through holes per square meter
3. Positioning the net at a distance of 1,5 cm from the wall. Then fold the hooked tie rods at 90°.

Machine application: pour the contents of the YA1000 into the hopper of the continuous cycle plastering machine, adjust the flow meter until a plastic-thixotropic consistency is obtained. Spray the product at a distance of approximately 20-25 cm. The maximum thickness is 2 cm. If greater thicknesses are needed, the product must be applied at a distance of approx. 12-24 hours depending on environmental conditionsi.
Manual application: mix the powder with approx. 20% drinking water (4.8-5.3 L per bag). It is advisable to pour the water first, then adding all the product powder. Mix carefully and continuously until a plastic-thixotropic consistency is obtained. Mix in a concrete mixer for no more than 5 minutes.
The plaster applied in this way is suitable for receiving, once it has hardened, a uniforming reinforced skim coat performed with the **RINOVO** mineral skim coat, combined with the alkaline-resistant fiberglass mesh **ARMATURA R60.**

ADVANTAGES

Speed of work execution thanks to mechanical application;
High workability;
High compressive strength 22 N/mm2 Fibre-reinforced, prevents the formation of cracks;

EMPLOYMENTS

Creation of structural plasters for interiors and exteriors in restoration, consolidation and renovation interventions of deteriorated walls. YA1000 Fibro can be used both with the glass fiber meshes of the SISMANET line and with suitable metal reinforcement mesh. Its use as reinforced plaster guarantees adequate increases in mechanical properties, homogeneous load distribution, ductility and greater seismic response of the masonry system.

CONSERVAZIONE STORAGE

The product must be stored protected from humidity and used within 6 months from the packaging date.

All the info on
www.premierpremiscelati.it

Jun-21

INTONACI DI FONDO YA 1000 FIBRO

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YA 1000 FIBRO BASE PLASTERS

CHARACTERISTIC DATA

Maximum grain size	<3,0 mm
Grain size range	0-3,0 mm
Mixing water approx.	20% ca.
Yield per cm of thickness approx.	15 Kg/m^2 ca.
Density of the powder product approx.	1450 Kg/m^3 ca.
Wet product density approx.	1950 Kg/m^3 ca.
Density of the hardened product approx.	1700 Kg/m^3 ca.
Adhesion	≥0,4 N/mm^2 FP:B
Compressive strength after 28 days	22 N/mm^2 approx.
Elastic Modulus	15000 MPa
Water absorption (W 0)	≤0,4 Kg/(m^2.$min^{0,5}$)
Vapor permeability	μ <20
Thermal conductivity	0,75 W/mK (v.t.)

WARNINGS

Product intended for professional use. Check the integrity of the package before use and do not use the product with lumps. Do not remix the product by adding water once it has started to set. Any small chromatic variations do not damage the final performance of the product in any way. In case of manual application with a trowel with a concrete mixer mix, the product must not be mixed for a long time to avoid damaging the characteristics and avoiding the formation of cracks and detachments. Take care of the maturation of the hardened product by moistening it in the first 24 hours during hot periods. The customer is required to verify that the product is suitable for the intended use and to ensure that this technical document is valid and not superseded by subsequent updates. The product characteristics listed above respond to standard laboratory conditions and have been verified in compliance with the reference regulations. The technical documents can be found on the website www.premierpremiscelati.it