

FONDO FORTE

BASE COATS AND FIXATIVES



PRODUCT DESCRIPTION

Description

An adhesive glue paste, FONDO FORTE is a product based on resins in aqueous emulsion, resistant to alkalis, silica sand, micronised aggregates with calibrated granulometry and specific additives; specially designed for smoothing and embedding the reinforcing mesh, as a universal skim coat and as an anchoring primer.

Intended use

Indoor/Outdoor

- As a universal smoothing compound, with cement admixture, on mineral substrates, new and seasoned wall surfaces, cement surfaces, cement-based mortar surfaces, already painted or partially degraded, to be finished with smooth and thick synthetic and mineral finishes
- As an adhesion primer, used without adding cement, it develops a high degree of adhesion even on substrates considered hostile

Main features

High adhesion, even on difficult substrates.

High vapour permeability.

Universal anchoring primer when used without cement additive.

Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Appearance and Finish		Opaque
Resistance to SD water vapour transmission (film thickness 3 mm)	ISO 7783-2	0.46 m
Diffusion of WDD water vapour	ISO 7783-2	400 g/m ² in 24 h
Capillary absorption and water permeability	EN 1062-3	0.02 Kg/m ² * h 0.5
Water vapour permeability coefficient	DIN 52615	μ=153
Flash point	UNI 8909	Non-flammable

LAYING

Preparation of the product

AS SKIMMING PLASTER:

Mix FONDO FORTE thoroughly with 100% volume Portland CEM II/A-L 32.5 cement to obtain a homogeneous paste, ensuring that there are no lumps.

Wait 5 minutes before application. The mixture can be used for about 2 hours.

AS AN ADHESIVE PRIMER ON DIFFICULT SUBSTRATES:

Thoroughly mix FONDO FORTE in the container with a mechanical mixer before use.

Application tools

AS SKIMMING PLASTER:

Apply with a stainless steel spatula.

Finished with a sponge trowel for a smooth finish. Simply smoothed with a steel trowel for overlaying thick finishes.

AS AN ADHESIVE PRIMER FOR DIFFICULT SUBSTRATES:

With sponge roller, short pile roller or honeycomb roller, depending on the type of substrate.

Preparation of the substrate (external and internal)

NEW WALL SURFACES

Concrete, plasterboard and cement-based plasters: make sure that the substrate is perfectly seasoned; always apply at least one coat of PRYMER ACQ water-based acrylic fixative to regulate absorption and wait for it to dry completely.

OLD SURFACES ALREADY PAINTED OR PARTIALLY DEGRADED

In case of dirt and mould, before carrying out any operation, it is necessary to perform a treatment with specific anti-mould sanitising products, taking care to leave them to act before carrying out a suitable cleaning.

Carry out a careful scraping (mechanical or manual) in order to remove every element that is detaching or in any case is not perfectly cohesive and anchored to the substrate; assess if the complete removal of old paint is necessary.

In case of dusting and chalking of external surfaces, it is necessary to apply a coat of PRYMER SE consolidating solvent-based fixative or of PRYMER ACQ 100 high penetration water-based acrylic fixative, and wait 24h.

In case of dusting and chalking of internal surfaces, apply a coat of PRYMER ACQ water-based acrylic fixative and wait at least 6-8 h.

WARNING: on gypsum-based substrates, always apply a coat of VIEROGRIP PLUS after any consolidation with a suitable fixative.

Application system

SKIMMING PLASTER:

- Once FONDO FORTE is mixed in a ratio of 1÷1 with cement, apply it with a stainless steel trowel on the surface to be levelled and smooth

it with the same tool; before it starts to dry, finish with a sponge trowel for a smooth finish.

REINFORCED LEVELLING:

- Once FONDO FORTE is mixed in a ratio of 1÷1 with cement, apply a first coat, bury the layer of synthetic mesh in the product while it is still fresh. After 24 hours, apply a second coat of mortar, taking care to completely cover the embedded mesh. Finish with a trowel before the drying process begins.

UNIVERSAL ADHESIVE PRIMER:

- Apply as it is (properly mixed) with a roller over the entire surface.

Overcoatability:

- as skimming plaster with cement: 7-10 gg
- as an anchoring primer after 24h

Conditions of application

- Do not apply on sun-drenched walls or where ambient or substrate temperatures may drop below +5°C or rise above +35°C in the first 24 hours after application
- Particularly high relative humidity can lengthen seasoning times
- After application, protect the surface from adverse weather conditions and dust for at least 48 hours with sheets
- Do not apply on substrates exposed to frost in less than 48÷72 hours
- Do not exceed the recommended thickness (5 mm)
- Store in an environment with less than 60% relative humidity
- Given the high concentration of binders and resins contained, FONDO FORTE could be aggressive for already painted old substrates, causing detachment of the old finishes; we therefore recommend scraping and removing any old finishes where present

Known incompatibilities

Substrates containing salts.
For any use other than that indicated in this technical data sheet, contact our Technical Assistance Service

Cleaning of tools

With water immediately after use

Safety Precautions

Close the jar immediately after use.
Keep it tightly closed, undiluted, away from heat sources, protected against frost and direct sunlight.
The safety information for the user is contained in the relevant safety data sheet
Empty containers or containers with slight traces of dried film of residual product must be disposed of in compliance with local regulations.

Warnings

None

OTHER INFORMATION

**Classification
(UNI EN 1062-1)**

G3 E5 S3 V1 W3 A0 C0

**Other technical
information**

Technical information	Method	Main data at 20°C and 60% of R.H.
Appearance and finish		Matt
Density	ISO 2811-1	1500÷1550 g/ml
Brookfield viscosity	ASTM D 2196	20000-28000 cps
Theoretical consumption		As a skimming plaster for every mm of thickness approx. 1.8 Kg/m ² As an anchoring primer 0.75 Kg/m ²
Storage life (in a cool, dry place)	UNI 10154	2 years
Maximum grain size		0.5 mm
Direct adhesion	EN 1542	1.84 N/mm ²
Adhesion following thermal compatibility	EN 13687-3	3.16 N/mm ²

ITEM SPECIFICATIONS

Application of FONDO FORTE universal primer/skimming plaster, based on resins in aqueous emulsion, resistant to alkalis, silica sands, micronised aggregates with calibrated granulometry and specific additives.

FONDO FORTE if used as a skimming plaster, must be mixed in the ratio 1÷1 with Portland cement type CEM II/A-L 32.5;

if used as an anchoring primer for substrates considered hostile, it must be properly mixed and applied as it is.

FONDO FORTE complies with EN 998-1.

Indicative consumption:

- as a skimming plaster (for every mm of thickness): approx. 1.8 Kg/m²;
- as an anchoring primer: approx. 0.75 Kg/m².

Price on site € _____ per m² including materials, labour, excluding scaffolding, protections and any surface preparation.

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