

GRANIPLAST 20 FINE

FINISHES



PRODUCT DESCRIPTION

Description GRANIPLAST 20 FINE is a continuous natural coating based on selected marble grits, washed to a fine grain size

Intended use Outdoor/Indoor

- New, aged, homogeneous wall surfaces with two-coat plaster
- Cement, lime cement mortar, already coated or partially damaged wall surfaces
- Prefabricated concrete elements with compact, uniform and planar surfaces

Main features

- The type of binder used gives the product resistance to alkali and atmospheric agents, applicability, workability and remarkable adhesion
- The adoption of natural marble grits ensures stability, typical of marble stone
- The type of binder used gives the product high resistance to alkalis and atmospheric agents, remarkable applicability, workability, elasticity and adhesion properties

Main technical data

| Technical information | Method | Main data at 20°C and 60% of R.H. |
|----------------------------------|------------|-----------------------------------|
| Theoretical consumption per coat | ISO 7254 | 3.5÷4.0 kg/m ² |
| Vapour permeability | ISO 7783-2 | Class V2 |

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| Water absorption | UNI EN 1062-3 | Class W2 |
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Available colours

Colour chart - susceptible to variations depending on the quantity and period of extraction in the quarry

LAYING

Dilution and preparation of the product

The product is generally ready for use.
Mix the product until you get a soft and foamy paste

Application tools

Stainless steel trowel

Preparation of the substrate

NEW, AGED, HOMOGENEOUS, TWO-COAT PLASTER WALL SURFACES

- Clean thoroughly, removing all traces of dust. Check that the wall is perfectly dry and apply a coat of water fixative and wait 24 hours

CEMENT, LIME CEMENT-BASED, PAINTED OR PARTIALLY DAMAGED WALL SURFACES

- Old paints: remove all traces of dirt, parts that are not perfectly adherent and any efflorescence, first apply a coat of PRYMER SE or PRIMER AC 100, depending on the necessary consolidation
- Old coatings: if necessary, remove the finish with a paint remover, wash the surface with a pressure washer. In the presence of moulds, carry out a specific treatment with an anti-mould solution. Carry out any repairs with VIERO products, consolidate the aged surface with solvent-based fixative

Application system

Spread an even layer of GRANIPLAS 20 FINE with a stainless steel spatula, working with movements from the bottom up.
Eliminate application irregularities using the spatula with crossed movements.
After a slight wilting of the material, when it begins to lose its whitish appearance, always smooth it with the stainless steel spatula, taking care to keep the spatula always clean

- Dry in depth: 24 h
- Overpaintable: after 24 h

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; relative humidity must not exceed 75%
- Apply on homogeneous and flat surfaces, complete the façade-wall without stopping, avoid the recovery of material that is now dry
- After application, protect the surface from adverse weather conditions and dust for at least 48 hours with sheets
- Do not apply on substrates with rising damp
- The new plasters must be left to age for at least 4÷6 weeks, until the end of the carbonation process; the same applies to any patch made
- Store the product in its original container at a temperature between +5°C and +35°C
- Apply a single batch on the same façade
- On particularly smooth substrates, it is possible to apply a pre-coloured base coat (such as PRYMER PGM) to improve adhesion

Practical advice

- New plasters must be evenly seasoned, brand new patches must be allowed to mature perfectly.
- In the case of very large surfaces, provide for suitable interruptions near drainpipes or technical joints.
- Store the product in its original container at a temperature between +5°C and +30°C.
- After application, the surfaces must be protected from driving rain for at least 48 hours.
- Apply a single batch on the same side or request a continuing batch.

Known incompatibilities

None.
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

- Keep the jar tightly closed and protected from frost and/or direct heat sources
- 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

ITEM SPECIFICATIONS

Application of GRANIPLAST 20 FINE continuous natural coating based on selected marble grits, washed to a fine grain size. Of the colour extracted and chosen by the W.M., composed of acrylic resins in aqueous emulsion. The application is carried out on perfectly cured, dry substrates, free of traces of dirt, oils, greases, saltpetre, previously treated at least 24 hours before, with PRYMER AC 100 water-based primer or PRYMER SE solvent-based primer.

GRANIPLAST 20 FINE is applied as it is with a stainless steel trowel in a single coat. The indicative consumption is equal to 3.5÷4 kg/m².

Price for installation of € _____ per m² including materials, labour, excluding scaffolding, protections and any surface preparations

OTHER INFORMATION

Classification (UNI EN 1062-1)

G3 E5 S3 V2 W2 A0 C0

Classification (UNI EN 15824)

Specific for indoor and outdoor organic binder-based plasters. System of attestation of conformity 4. System 3 for reaction to fire

VOC classification (Directive 2004/42/EC)

Multicoloured paints
EU VOC limit value for GRANIPLAST 20 FINE (cat. A/k): 100 g/L (2010).
GRANIPLAST 20 FINE contains a maximum of 100 g/L of VOC

Other technical information

| Technical information | Method | Main data at 20°C and 60% of R.H. |
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| Appearance and finish | | Matt |
| Density | ISO 2811-1 | approx. 1.49 g/ml |
| Brookfield viscosity | ASTM D 2196 | approx. 220000 cps |
| Flash point | UNI 8909 | Not inflammable |
| Storage life | UNI 10154 | At least 24 months |
| Vapour permeability | UNI EN ISO 7783 | $\mu = 68$ Class V2 (medium permeability) |
| Adhesion (>0.3 Mpa) | EN1542 | 0.7 |
| Durability (>0.3 Mpa) | EN13687-3 | 0.8 |
| Thermal conductivity 90% (W/m K) | EN 1745:2002 Table A12 | 0.92 |
| Reaction to fire | EN 13501-1 | A2 - s1, d0 |
| Solid content % in weight | UNI 8906 | 83 ÷ 87 |
| Binder | | acrylic |

All the technical indications contained herein are the result of our best experience, are indicative and do not constitute a guarantee of results. The data and methods shown on this technical data sheet can be modified at any time depending on any change in production technologies. The application of the products takes place outside our control and therefore falls under the sole responsibility of the customer. The correct use of the materials assumes compliance with the general requirements for use set out in the GENERAL CONSIDERATIONS page of the PRODUCT INFORMATION SHEETS collection and in particular with what is indicated in this sheet, especially with regard to the preparation and suitability of the supports. The technical service of Cromology Italia spa is available to users to provide additional information to that reported here. THIS DATA SHEET REPEALS AND REPLACES ANY PREVIOUS EDITION.

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