

GRANIPLAST 25 MEDIO

FINISHES



PRODUCT DESCRIPTION

Description GRANIPLAST 25 MEDIO is a continuous thickness coating based on selected marble chips with medium granulometry

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

- High mechanical strength
- The type of binder used confers resistance towards alkalis and atmospheric agents to the product
- Excellent workability and adhesion to the substrate
- The use of natural marble chips ensures the stability and durability over time, typical of marble stone

Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Theoretical consumption per coat	ISO 7254	4.5 kg / m ²
Vapour permeability	ISO 7783-2	μ = 68 Class V2 (medium permeability)

Resistance to SD water vapour transmission	ISO 7783-2	0.06 m
Water absorption	UNI EN 1062-3	Class W2

Available colours

For colour selection, refer to the Graniplast/Ceramitz Color Collection chart. Colours subject to variations according to the quantity requested and to the extraction period in the quarry.

LAYING

Dilution and preparation of the product

The product is ready to use.
Mix the product vigorously using a mechanical mixer, until a smooth and homogeneous paste is obtained; the possible presence of foam after mixing is a normal reaction of the components of the product, it disappears upon application.

Application tools

Stainless steel trowel

Preparation of the substrate

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 100 fixative to regulate absorption and wait for it to dry completely (at least 6h). If it is necessary to roughen the surface to obtain better adhesion, it will be possible to apply a coat of VIEROGRIP PLUS and wait 24 hours before applying the decorative finish.

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 solutions, taking care to leave them to act for 24 hours before carrying out a suitable cleaning of the surface.

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. Assess whether to apply the coloured PRYMER PGM primer according to the uniformity and homogenisation of the colour tone to be obtained. Always wait 24 hours before applying the decorative finish.

In case of dusting and chalking of internal surfaces, apply a coat of PRYMER ACQ water-based acrylic fixative and wait at least 6h. Then proceed to apply the PRYMER PGM coloured primer and wait 24 hours before applying the decorative finish.

In the event of micro-cracking or of superficial micro-lesions (dimensions <0.25mm), both internal and external, apply at least 1 coat of VIERIOGRIP PLUS, uniform filler base coat which can be coloured using a tintometer, so as to smooth the surface.

Given the nature and formulation of the product, GRANIPLAST 25 MEDIO is not recommended on wall surfaces with lime plaster or cement-lime mortar.

Application system

Spread a uniform layer of GRANIPLAST 25 MEDIO with a stainless steel spatula, working with movements from the bottom up. With the product still fresh, eliminate any overlaps of the product and in general all the irregularities of the application using the spatula with crossed movements, taking care to uniform the product. After a slight wilting of the material, when it begins to lose its whitish appearance, smooth it again with the stainless steel spatula, taking care to keep the spatula clean from residues at all times.

- Dry in depth: 24h
- Overcoatability: 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 substrates, complete the facade or wall without stopping; avoid the recovery of material that is now dry
- After application, protect the facade from adverse weather conditions and dust with suitable sheets and covers for at least 48 hours.
- 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 production batch on the same facade.
- With the construction site in progress, to limit the visibility of interruptions, consider proceeding along the wall with diagonal rather than vertical work sequences.
- Since it is a thick coating, where working it with a spatula leads to the movement of the aggregates on the substrate, to avoid uncovering the marble chips and to optimise the colour rendering, homogenising the final chromatic effect, assess whether to apply a PRYMER PGM coloured base coat.
- The product completes its drying and polymerisation processes within 8-10 days in optimal environmental conditions (5÷35°C; R.H. max. 75%). Should the product be washed away by rainwater during this time, unsightly dripping with a translucent and sticky appearance may appear.

This phenomenon, of a temporary nature, does not affect the qualitative characteristics of the product and can be easily eliminated by hydro-washing or by waiting for future rain

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

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 25 MEDIO (cat. A/k): 100 g/L (2010). GRANIPLAST 25 MEDIO 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.
Adhesion (>0.3 Mpa)	EN1542	0.7
Durability (>0.3 Mpa)	EN13687-3	0.8
Thermal conductivity 90%	EN 1745:2002 Table A12	0.93 W/m K
Reaction to fire	EN 13501-1	A2 - s1, d0
Hazardous substances		See SDS
Appearance and finish		Matt
Density	ISO 2811-1	approx. 1.53 Kg/L

Brookfield viscosity	ASTM D 2196	approx. 220000 cps
Flash point	UNI 8909	Non-flammable
Solid content % in weight	ISO 3251	83 ÷ 87
Storage life	UNI 10154	At least 24 months
Binder		acrylic

ITEM SPECIFICATIONS

Application of GRANIPLAST 25 MEDIO continuous thickness coating based on selected fine-grained marble chips, with the colour extracted and chosen by the P.M., composed of acrylic resins in aqueous emulsion. The application is carried out on perfectly seasoned, dry substrates, free from traces of dirt, oils, greases, rising damp, saline efflorescence; to be treated at least 24 hours beforehand, with PRYMER ACQ 100 micronised water-based primer, or PRYMER SE solvent-based primer, or PRYMER PGM colourable uniforming primer, or again with VIEROGRIP PLUS colourable filler primer, based on the needs and conditions of the substrate.

GRANIPLAST 25 MEDIO is applied as it is with a stainless steel trowel in a single coat. The indicative consumption is equal to 4.5 Kg/m².

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

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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