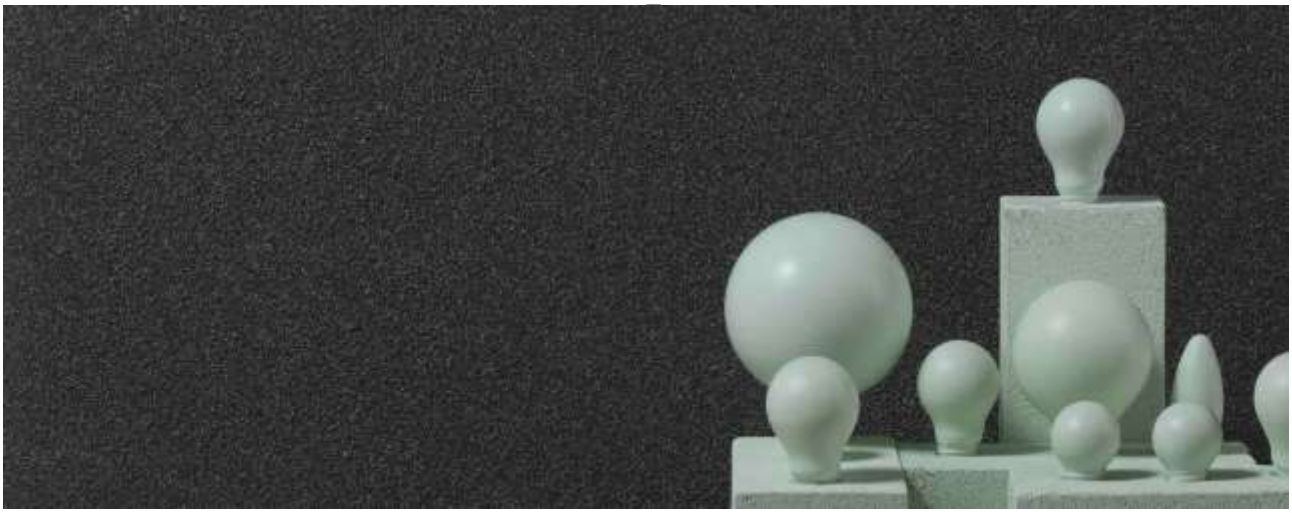
CERAMITZ

FINISHES



PRODUCT DESCRIPTION

Description

High quality, continuous wall coating based on coloured quartz sands.

Intended use

Interiors/Exteriors

- Continuous architectural spray-on wall coating for all type of interiors and exteriors surfaces
- Especially indicated when high resistance to abrasion and shock and to stressing climatic cycles is required
- Excellent water-repellent properties
- Good breathability properties

Main features

- Ready to use
- High resistance to abrasion
- Excellent water repellent properties
- Good breathability properties

Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Consumption rate per coat	.....	2.5 ÷ 3.0 Kg/m²
Water vapour permeability Sd	ISO 7783-2	0,8452 m (a 1687 µm) µ= 501 V2
Water absorption	UNI EN 1062-3	w= 0,032 kg/(m²h0,5) W3

Available colours

To be selected on the colour collection Ceramitz/Graniplast

LAYING

Dilution and preparation of the product

Ready to use.
If necessary, dilute the product with max. 5% of water by volume.
Mix the product well before use.

Application tools

Spray or Airless
6/8 mm nozzle
Pressure 2÷2.5 atm

Preparation of the substrate

ON NEW CEMENT RENDERING OR CEMENT LIME MORTAR
Apply one coat of MULTIQUARTZ thinned 1:1 with water in a matching colour of the product to be used.

ON GYPSUM PLASTERS AND OTHER VERY SMOOTH SURFACES
Apply one coat of PRYMER SE, solvent based primer, and one coat of MULTIQUARTZ thinned 1:1 with water in a matching colour of the product to be used.

ON CHALKY, ABSORBENT AND DEGRADED SURFACES
Carefully remove all parts not perfectly anchored to the substrate and restore the surface.
Apply one coat of PRYMER SE and one coat of MULTIQUARTZ thinned 1:1 with water in a matching colour of the product to be used.

NOTE: The application of MULTIQUARTZ in the same colour, in addition to giving an initial covering, facilitates the application by improving the adhesion of CERAMITZ on the surface. In all cases, the substrate must be dry, free from all traces of oils, clean and mature, in order to support the load of the finished product.
Whenever there are any doubts about the grade of the consistency of the substrate, it is advisable to use PRYMER SE. Instead of PRYMER SE it Is possible to use the water based Prymer ACQ 100.

Application system

After the preparation of the substrate, apply CERAMITZ using only an airless spray-gun with open cup tank on top, with a 6/8 mm nozzle and using air pressure of about 2÷2.5 atm.
CERAMITZ is ready to use. If necessary, dilute the product with maximum 5% of water, maintaining the same thinning throughout the entire application.
Spray the product uniformly keeping the spray gun always perpendicular to the wall. The thickness of the applied product must be at least 1.5 mm.

- Dry to touch: 4 h
- Hard dry: 24 h
- Dry to recoat: after at least 12 h

Conditions of application

- Ambient temperature: min. +5°C / max. +35°C
- Ambient relative humidity: it can be applied even in a very humid ambient
- Surface temperature: min. +5°C / max. +35°C
- Surface humidity: < 10 di U.R
- Apply on healthy, clean, smooth, dry, dusted and suitably prepared substrates
- Apply on dry surfaces; do not apply on substrates with the presence of humidity
- New plasters must be left to age for at least 4÷6 weeks, to allow them to complete the natural carbonatation process
- Even brand new patches must be allowed to age perfectly

Practical advice

- Avoid application in situations of direct sunlight, rain or strong drafts
- Apply a single batch on the same side or request a continuing batch
- Protect the finish from rain, frost, fog, dew and dust with sheets for at least 48 hours (until completely dry)
- Store the product in its original container at a temperature between +5°C and +35°C

Known incompatibilities

None.
For any use other than that indicated in this technical data sheet, contact our Technical Assistance Service.

Cleaning of tools

Clean used tools by removing as much product as possible by repeatedly prying the inside edge of the container. Do not use running water. Immerse tools in a minimal amount of water. To protect the environment: packaging, its contents, and cleaning residues should not be disposed of in household waste, down the sink, or in the toilet. Contact your local authorities for disposal and collection procedures.

Safety Precautions

- Protect your eyes during use and in case of contact wash thoroughly with water and consult your doctor
- Close the jar immediately after use
- Keep the tin tightly closed, undiluted, away from heat sources, protected against frost and direct sunlight
- Safety information for the user is contained in the relevant Safety Data Sheet
- Empty jars or jars with slight traces of dried film of residual product must be disposed of in compliance with local regulations
- Always read the label and product information before use.

Warnings

None.

OTHER INFORMATION

Classification (UNI 8681)

B.4.C.O.A.2.FA
Finish coat paint, in water dispersion, single-component, physically drying, matt, acrylic.

Classification (UNI EN 1062-1)

E5 S3 V2 W3 A0 C0

VOC classification (Directive 2004/42/EC)

Multi-colours paints.
EU VOC limit value for CERAMITZ (cat. A/k): 100 g/L (2010). CERAMITZ contains a maximum of 100 g/L VOC.

Other technical information

Technical information	Method	Main data at 20°C and 60% of R.H.
Apparence and finish		Colour paste
Gloss shine		Matt
Grain size		0,9 mm
Density	ISO 2811-1	approx. 1,65 g/ml
Brookfield viscosity	ASTM D 2196	approx. 32000 cps
Dry film thickness	EN 1062-1	E5
Flash point °C	UNI 8909	>21
Shelf life (in cool and dry place)	UNI 10154	At least 24 months

ITEM SPECIFICATIONS

Application of CERAMITZ, continuous wall coating based on coloured quartz sands, water based finishing, for interiors and exteriors.
Based on acrylic resin, CERAMITZ – in the chosen colour by DD.LL. – must be applied in one coat with spray gun, after application of the fixative sealer type PRYMER SE Viero and of basecoat type MULTIQUARTZ Viero, with an average consumption of 2.5÷3.0 Kg/m².
Price on site € _____ per m² including materials, labour and excluding scaffolding, protections and any surface preparation.

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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