



# MULTIQUARTZ

## BASECOATS AND PRIMERS

### PRODUCT DESCRIPTION

#### Description

Quartz-based acrylic paint for exteriors and interiors, levelling substrates, with high filling and coverage. Suitable for use on fine two-coat plasters of cement mortar, cement-based mortar or prefabricated cement elements; also applicable on plasterboard. MULTIQUARTZ is a quartz flour-based paint with an extremely matt appearance useful for filling and coating. It can be used both as a base product for decorative effects (ensuring adhesion on difficult substrates) and as a finishing product.

#### Intended use

Outdoor/Indoor

- New, aged, homogeneous wall surfaces with two-coat plaster
- Cement wall surfaces, of lime cement mortar, already coated, painted or partially damaged

#### Main features



- Paint based on acrylic copolymers in aqueous emulsion, inorganic pigments, micronised fillers
- The type of binder used gives the product exceptional resistance to alkalis and atmospheric agents
- Excellent adhesion to the substrate, applicability and workability
- Can be coloured by tintometer
- The use of light-resistant and alkali-resistant pigments ensures colour stability even on walls exposed to light radiation and weathering
- Formula A+

#### Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Theoretical yield per coat	ISO 7254	8÷10 m <sup>2</sup> /Lt
Vapour permeability	ISO 7783-2	Class V1

#### Available colours

White and other colours achievable with the tinting system

### LAYING

#### Dilution and preparation of the product

With water:

- Brush application at 20% by volume
- Roller application at 10% by volume
- Airless application: dilution 10% by volume - HEA 519 nozzle - pressure 140 bar - tests performed with Wagner SF23 Pro machine

#### Application tools

- Synthetic or natural bristle brush

- Short-haired wool roller
- Airless

## 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 at least 6-8 hours.

### 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.

### WALL SURFACES WITH LIME PLASTER OR CEMENT-LIME MORTAR

In case of dusting and chalking, it is necessary to apply a coat of SILICA FONDO SD; after 24h proceed to apply a coat of VIEROGRIP PLUS and wait at least another 24h before applying the finish.

In the case of cohesive and anchored mineral substrate, it will be necessary to apply a coat of VIEROGRIP PLUS and wait at least another 24h before applying the finish.

## Application system

Use MULTIQUARTZ as a finish, white or coloured, diluting the first coat with 15-20% of water by volume, mix the product until a homogeneous mass is obtained and apply it uniformly with a brush or wool roller. Apply the second coat diluted with 10-15% water after no less than 8-12 hours.

Use MULTIQUARTZ, possibly coloured, (one or two coats according to requirements) as a primer for decorative paints and coatings; apply evenly with a roller or brush. After 6-8 hours apply the chosen finish.

Apply two coats with a wool roller, brush or sprayer, leaving at least 4-8 hours in between coats.

- Touch dry: max 1 h
- Dry in depth: max 24 h
- Overcoat: after 4-8 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 substrates, complete the façade-wall without stopping, avoiding the recovery of product that is now dry

- New plasters must be left to season for at least 4÷6 weeks, to allow them to complete the natural carbonation process; new patches must also be left to mature perfectly
- Protect the freshly painted surface from adverse weather conditions and dust for at least 48 hours

#### Practical advice

- Apply a single batch on the same side or request a continuing batch
- In the case of very large surfaces, provide for suitable interruptions near drainpipes or technical joints
- 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
- Avoid application of the product in direct sun or on particularly windy days
- The product completes its drying and polymerisation process within 8/10 days in optimal environmental conditions (+5°C / +35°C; RH max. 75%). Should the product, in this period of time, be washed away by rainwater, unsightly drips with a translucent and sticky appearance could appear; this phenomenon, of a temporary nature, does not affect the qualitative characteristics of the product and can easily be 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

- 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 8681)

B4 C.0.A.2.FB  
Aqueous dispersion, single-component, hard drying, matt, acrylsiloxane top coat paint.

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

G3 E2 S2 V1 W0 A0 C0

**VOC classification  
(Directive 2004/42/EC)**

Opaque paints for indoor walls and ceilings.  
EU VOC limit value for MULTIQUARTZ (cat. A/a): 30 g/L (2010).  
MULTIQUARTZ contains a maximum of 30 g/L of VOC.

**Other technical  
information**

Technical information	Method	Main data at 20°C and 60% of R.H.
Gloss	EN ISO 2813	Class G3 (< 10 Gloss, Matt)
Grain size	EN ISO 1524	Class S2 (< 300 µm)
Density	ISO 2813	approx. 1.56 g/ml
Brookfield viscosity	ASTM D 2196	approx. 17,500 cps
WDD water vapour diffusion	ISO 7783-2	>150 g/m <sup>2</sup> in 24h High
SD water diffusion resistance (film thickness 120 microns dry)	ISO 7783-2	0.05 m Class I (high according to EN 1062-1)
Treatment with 4h UV/60° cycle, 4h condensation/40°C UV-B lamp, fibre cement substrate pre-treated with ISOLFLESS MV	ASTM G 53	Preserves colour for 1200 hours of UV-condensation (according to ISO 7724) Resists chalking for 1200 hours of UV-condensation (according to ISO 4628/6)
Flash point	UNI 8909	Non-flammable
Storage life	UNI 10154	At least 24 months

**ITEM SPECIFICATIONS**

Application of MULTIQUARTZ, acrylic quartz flour-based paint in aqueous emulsion. Ideal for use on new, seasoned, homogeneous, two-coat finished wall surfaces and surfaces already treated with other paints, previously prepared, fixed, consolidated and possibly cleansed with an anti-mould solution.

MULTIQUARTZ should be applied by brush, roller and airless, with an indicative yield of 8÷10 m<sup>2</sup>/L.

Price on site € \_\_\_\_\_ per m<sup>2</sup> 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.

**CROMOLOGY ITALIA SpA ORGANISATION WITH QUALITY, SAFETY AND ENVIRONMENTAL MANAGEMENT SYSTEM ISO 9001, OHSAS 18001, ISO 14001 CERTIFIED BY BUREAU VERITAS SpA.**

**PROFESSIONAL USE ONLY**