

Quarzolite Graffiato

(1.2 mm; 1.8 mm)

Acrylic wall coating with a scratch-effect finish, for protecting and decorating external and internal surfaces, applied by trowel



WHERE TO USE

Acrylic resin-based, scratch-effect wall coating in paste form for internal and external applications, available in various grain sizes.

Used to decorate and offer good protection to walls, and to even out surface imperfections. May be used to protect and decorate any kind of building, including those which are already painted.

Typical application examples

- Decorating all types of cementitious or lime-based render.
- Walls smoothed over with all smoothing products from the MAPEI range.
- Decorating old, well-bonded paintwork (apply a test layer beforehand).
- Decorating concrete walls.

TECHNICAL CHARACTERISTICS

Quarzolite Graffiato is a flexible, single-spread coating with a scratch-effect finish for internal and external surfaces, made from acrylic resins dispersed in water, selected graded charges, quartz and light-resistant pigments.

Quarzolite Graffiato is a product which is resistant to all climatic conditions and the aggressive effects of smog, salt and sunlight.

Quarzolite Graffiato bonds perfectly to all types of traditional renders and to old, well-bonded paintwork.

Apart from its protective characteristics, **Quarzolite Graffiato** gives the substrate an attractive scratch-effect finish. It is available in colours from the “Colour Choice” colour chart and a wide range of colours obtained using the **ColorMap®** automatic colouring system.

Quarzolite Graffiato is also suitable for internal use on gypsum or old painted surfaces if well-bonded and sound, after treatment with **Malech** or **Quarzolite Base Coat**. On old, well-bonded painted surfaces, assess whether **Malech** or **Quarzolite Base Coat** is required dependant on the absorbency of the substrate.

RECOMMENDATIONS

- Do not apply **Quarzolite Graffiato** on damp or poorly-cured substrates.
- Do not apply **Quarzolite Graffiato** if the temperature is less than +10°C.
- Do not apply **Quarzolite Graffiato** if the humidity is greater than 85%.
- Do not apply **Quarzolite Graffiato** if rain is forecast, in windy weather or in direct sunlight.
- Please refer to the “Safety instructions for preparation and application” section.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Appearance:	thick paste
Density (g/cm³):	1.7-1.8 (according to grain size)
Dry solids content (%):	85
Viscosity (mPa·s):	55,000-75,000 (according to grain size)
Storage:	24 months in original packaging and in a dry place
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for the preparation and application" paragraph and the information on the packing and Safety Data Sheet
Grain size:	1.2 mm; 1.8 mm
APPLICATION DATA (at +23°C – 50% R.H.)	
Dilution:	ready-to-use (may be diluted with 1-2% of water)
Application:	plastic or stainless steel trowel
Consumption (kg/m²):	2.0-3.5 (depending of grain size)
DRYING:	by air
Painting:	12-24 h
FINAL PERFORMANCES	
Vapour diffusion resistance coefficient (DIN 52615) (μ):	110
Resistance to passage of vapour of a 1.5 mm-thick layer in equivalent metres of air (Sd) (DIN 52615) (m):	0.16
Capillary action water absorption coefficient (W) (DIN 52617) (kg/m²·h ^{0.5}):	0.97

APPLICATION PROCEDURE

Preparation of the substrate

New surfaces or surfaces patched up with repair mortar must be cured, perfectly clean, flat and dry.

Remove all traces of oil and grease and loose parts from the surface.

Seal any cracks which are present and repair any deteriorated areas.

Seal off the porosity and smooth off any uneven parts in the substrate.

Apply **Malech** or **Quarzolite Base Coat** and leave to dry for 12-24 hours before applying **Quarzolite Graffiato**. To make it easier to apply **Quarzolite Graffiato** and improve its covering properties, the coat of **Malech** may be diluted 30-50% with the same colour of **Quarzolite Paint** as used for

the **Quarzolite Graffiato** coat, or a coat of **Quarzolite Base Coat** in the same colour.

Preparation of the product

Quarzolite Graffiato is ready to use and, if necessary, may be diluted with 1-2% of water if the product is too thick.

Application of the product

Apply **Quarzolite Graffiato** with a stainless steel or plastic trowel on the dry coat of **Malech** or **Quarzolite Base Coat**.

The protection cycle includes the application of a coat of **Quarzolite Graffiato**. Dependant on the grain size of the **Quarzolite Graffiato** and the roughness of the substrate, two coats may be applied to obtain a perfectly even finish. A smoothing coat may be applied followed

by a second coat after 24 hours. Both coats must be applied evenly, and must then be smoothed over with a plastic float to even out the surface and to get the final pattern required.

Cleaning

Quarzolite Graffiato may be cleaned from trowels and other tools with water before it dries.

CONSUMPTION ACCORDING TO GRAIN SIZE

Quarzolite Graffiato 1.2 mm:
2.0-3.0 kg/m² at work completed;

Quarzolite Graffiato 1.8 mm:
2.5-3.5 kg/m² at work completed.

In both versions, consumption depends largely on the roughness of the substrate.

PACKAGING

Quarzolite Graffiato is supplied in 20 kg plastic drums.

STORAGE

24 months if stored in a dry place away from sources of heat and at a temperature between +5°C and +30°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Quarzolite Graffiato is not considered a hazardous substance according to current

standards and regulations regarding the classification of prepared substances. However, the use of protective gloves and goggles and the application of the usual precautions taken when handling chemical products are recommended. If the product is applied in a closed area, make sure that it is well ventilated.

The Safety Data Sheet is available upon request for professional users.

PRODUCT FOR PROFESSIONAL USE.

WARNING

While the indications and guidelines contained in this data sheet correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

**All relevant references
for the product are available
upon request and from
www.mapei.com**

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