



# Quarzolite Tonachino

0.7 mm; 1.2 mm; 1.5 mm; 2.0 mm

**Acrylic, medium-grain  
wall finishing coating,  
for protecting and  
decorating external  
and internal surfaces**



## WHERE TO USE

Acrylic resin-based wall finishing coating in paste form with a rustic effect for internal and external applications. Used to decorate and to offer good protection to walls and to even out surface imperfections. May be used to protect and decorate any kind of building, even those which are already painted.

### Some 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.
- Decorating concrete walls.

## TECHNICAL CHARACTERISTICS

**Quarzolite Tonachino** is a flexible, single-spread wall-finishing coating with a rustic finish, made from acrylic resin in water dispersion, quartz and light-resistant pigments.

**Quarzolite Tonachino** is resistant to all climatic conditions and the aggressive attack of smog, salt and sunlight.

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

**Quarzolite Tonachino** protects the substrate and gives it a uniform, attractive appearance with a rustic finish.

Apart from the colours available from the "Colour choice" colour chart, it is also available in a wide range of colours obtained using the **ColorMap®** automatic colouring system.

**Quarzolite Tonachino** 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**. In the case of old, well-bonded painted surfaces, assess whether **Malech** or **Quarzolite Base Coat** are really required.

## RECOMMENDATIONS

- Do not apply **Quarzolite Tonachino** on damp substrates, or on substrates which are not well cured.
- Do not apply **Quarzolite Tonachino** at temperatures lower than +10°C.
- Do not apply **Quarzolite Tonachino** if the humidity level is higher than 85%.
- Do not apply **Quarzolite Tonachino** if it is about to rain, in windy weather or if there is direct sunlight.
- Please refer to the "Safety instructions for preparation and application" section.

## APPLICATION PROCEDURE

### Preparation of the substrate

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

Remove all traces of oil and grease and parts which are not well bonded to the surface.

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Example of application of Quarzolite Tonachino in a private building in Figueras, Spain



Close-up of the product in the above application - Figueras, Spain

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Appearance:	paste
Density (g/cm <sup>3</sup> ):	1.65-1.95 (depending on grain size)
Dry solids content (%):	ca. 85
Viscosity (mPa·s):	60,000-80,000 (dependant on the grain size)
Storage:	24 months in original packaging
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Grain size:	0.7 mm; 1.2 mm; 1.5 mm; 2.0 mm
APPLICATION DATA (at +23°C - 50% U.R.)	
Dilution:	ready-to-use (may be diluted with 1-2% of water)
Application:	plastic or stainless steel trowel
Consumption (kg/m <sup>2</sup> ):	2.0-3.5 (dependant on grain size)
DRYING:	in air
Ready for painting:	12-24 hours
FINAL PERFORMANCES	
Vapour diffusion resistance coefficient (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/m <sup>2</sup> ·h <sup>0.5</sup> ):	0.97

Seal any cracks which are present in the substrate and repair areas which are in poor condition.  
Seal off the porosity and smooth off any uneven parts in the substrate.

Apply **Malech** (ready to use) or **Quarzolite Base Coat** and let them dry for 12 to 24 hours before applying **Quarzolite Tonachino**.

To make it easier to apply 1.2 mm, 1.5 mm and 2.0 mm grain size **Quarzolite Tonachino** and to improve its covering properties, **Malech** may be applied after diluting it with 30-50% of the same colour of **Quarzolite Paint**, or with a similar coloured coat of **Quarzolite Base Coat**.

## Preparation of the product

**Quarzolite Tonachino** is ready-to-use and, if required, 1-2% of water may be added if the product has thickened.

## Application of the product

Apply **Quarzolite Tonachino** with a stainless steel or plastic trowel. The protection cycle also includes the application of a coat of **Quarzolite Tonachino**. Dependant on the grain size of **Quarzolite Tonachino** and the roughness of the substrate, two coats may be applied to form a perfectly even finish. Apply the second layer after 24 hours, making sure that both layers are spread on evenly. Then smooth the surface with a plastic float with a rotary movement, and vertically and horizontally, to create the finish required.

As an alternative, a damp sponge float may be used while the product is still drying to create a more rustic finish.

A number of effects may be obtained using **Quarzolite Tonachino** (such as mottled finish, brushed finish, bass-relief finish, etc.) as illustrated in the "MAPEI colours in design" pamphlet.

### **Cleaning**

**Quarzolite Tonachino** may be cleaned off from trowels and other tools with water before it dries.

### **CONSUMPTION DEPENDANT ON GRAIN SIZE**

- **Quarzolite Tonachino** 0.7 mm:  
2.0-2.5 kg/m<sup>2</sup> for a complete cycle;
- **Quarzolite Tonachino** 1.2 mm:  
2.5-3.0 kg/m<sup>2</sup> for a complete cycle;
- **Quarzolite Tonachino** 1.5 mm:  
2.5-3.0 kg/m<sup>2</sup> for a complete cycle;
- **Quarzolite Tonachino** 2.0 mm:  
3.0-3.5 kg/m<sup>2</sup> for a complete cycle.

For all versions, consumption is greatly influenced by the roughness of the substrate.

### **PACKAGING**

**Quarzolite Tonachino** 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 of between +5°C and +30°C.

### **SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION**

**Quarzolite Tonachino** is not hazardous according to the ruling norms on the

classification of mixtures. It is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemical products.

If the product is applied in a closed area, make sure that it is well ventilated.

The Safety Data Sheet is available upon request.

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](http://www.mapei.com)**

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