

TECHNICAL DATA SHEET

LAVAPLASTER QUARTZ

DESCRIPTION

LAVAPLASTER QUARTZ is a pasty, ready-to-use, waterproof, decorative acrylic plaster. Ideal for internal use on walls and floors and externally on facades of buildings and houses. It creates a smooth surface due to the specially graded granulometry of the aggregates it contains. **LAVAPLASTER QUARTZ** provides excellent adhesion to many substrates, high abrasion resistance, and workability. It does not crack and has high elasticity.

Classified as a coating for surface protection of concrete and certified according to EN 1504-2.

APPLICATION AREAS

LAVAPLASTER QUARTZ is suitable for application on horizontal and vertical surfaces of indoor or outdoor spaces, on floors, walls, stairs, as well as on special constructions, such as built-in sanitary ware or built-in furniture. It is ideal for applications on substrates such as concrete and cement mortars. It is applied to mosaics, existing tiles, cement boards and plasterboards using a suitable primer first.

APPLICATION INSTRUCTIONS

Surface preparation

The surface must be clean, dry and free of loose parts, dust, paint, grease, oil. Substrate defects such as cracks must be repaired prior to application. The substrate must be sufficiently flat because **LAVAPLASTER QUARTZ** is applied in a thin layer.

Application

Base coat application:

To smooth the surfaces, apply the **BETOFIX** putty (Betofix classic for walls, or Betofix power for floors) soaked in mesh and then apply the **LAVAPLASTER QUARTZ** directly without the use of a primer. On non-absorbent surfaces, **LAVACONTACT** adhesion primer should be applied first.

Top coat application:

After applying the base layer, **LAVAPLASTER QUARTZ** is used as a top coat. The application is made with a smooth stainless-steel spatula in two

layers of approximately 0.5 mm thickness each. After the completion of the application within 1-2

days and once the surface has completely dried, the protective varnishes (from the **LAVADROPS** series) are applied, after first sanding the surface with 150 grit sandpaper.

Note: **LAVAPLASTER QUARTZ** is also available as a system consisting of 3 containers: container **LAVAPLASTER Cream**-component A, the thickener-component B, and the pigment-component C. First color the container **LAVAPLASTER Cream**-component A evenly with the pigment and then mix with thickener-component B. The use of component B is optional and serves to make the final product thicker. Caution: The bottle of pigment must be rinsed well with water and the entire quantity must be mixed with the white **LAVAPLASTER QUARTZ**.

CONSUMPTION

1,5 kg/m²

RESTRICTIONS

Do not apply the product when the ambient temperature and/or the temperature of the substrate is below 5°C or above 35°C. There should also be no rain forecast for the next 1-2 days from the day of application.

CLEANING

Clean the tools after use with water. Hardened material can only be removed mechanically.

STORAGE

18 months from the date of production, as long as it remains in the original, sealed container, protected from direct sunlight and frost.

SAFETY

Read carefully the label of the product before use. Detailed instructions regarding hazards and safety are provided in the Safety Data Sheet, which is available upon request.

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Technical Data (Measurement conditions 23°C and 50% R.H.):

Form	Pasty	Colour	White & selected shades
Consumption	1,5 kg/m ²	Density	1,65 g/cm ³
Application temperature	5 °C to 35 °C	Adhesion	1.1 N/mm ²
Capillary water absorption (w)	<0,1 kg/m ² .h ^{0.5}	Reaction to fire	Euroclass F
Application thickness	0,5 mm/layer		



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NOTICE

The technical information and instructions provided in this datasheet referring to the application and end use of PROLAT products are based on the company's expertise and experience with the products to date. They are provided in good faith under the condition that the products are stored, used, and applied in accordance with PROLAT's instructions. However, given our inability to directly oversee conditions at construction sites or during product application, the company cannot guarantee the suitability of its products for specific purposes, nor does it assume any legal responsibility based on the information provided in this brochure, whether written, oral, or otherwise communicated. Users are advised to conduct a small test to assess the suitability of the products for their intended application and purpose of use. The company reserves the right to modify the properties of its products without prior notice.

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PROLAT S.A. Production of Minerals and Mortars Afroditis 50 - P. Faliro, PC:175 61, Greece DoP No: 007-PROLAT-CPR	
EN 1504-2:2004 LAVAPLASTER QUARTZ Surface protection product (MCC mortar) intended for uses with low performance, not subject to reaction to fire regulations	
Water vapour permeability	Class I
Capillary absorption and permeability to water	$w < 0.1 \text{ kg/m}^2 \cdot \text{hr}^{0.5}$
Adhesion strength by pull off test	$\geq 0.8 \text{ N/mm}^2$
Reaction to fire	Euroclass F
Release of dangerous substances	comply with 5.4