



# 65

χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials

Technical Specifications

Date of issue: 30/08/2016

Version Number: 1th

## Atlabond quartz primer

### Multi-functional quartz primer for the increasing of adhesion on smooth surfaces



#### Description

The **Atlabond quartz primer** is a special fixing primer that consists of synthetic resins, quartz sand and improver additives, which guarantees a strong adhesion bridge on smooth or non absorbent surfaces (exposed concrete, plasterboards, tiles, marbles, mosaic, wood, metal, glass, heat insulating plates, surfaces that have been already painted, etc.), on which, it is practically impossible to apply other materials without a special preparation. After its application, it creates a rough surface, which allows us to apply various types of coating, such as, any type of plaster (cementitious, acrylic, siloxane plaster, gypsum plaster), thermal adhesives, cement mortars, etc., as well as to apply glued tiles. It is highly resistant to alkali, while it can act, at the same time, as a barrier that prevents the penetration of humidity, protecting thus the building form damages. Due to its structure it does not impede the transpiration of surfaces. It is suitable for exterior and interior use.

#### Application fields

The Atlabond quartz primer is applied on smooth non absorbent surfaces, such as: exposed concrete, tiles, mosaic, marbles, natural stones, glass panels, plasterboards of all types, wood, metal, old plasters, walls painted with compatible paints where the paint is strongly anchored to the substrate, particle boards or MDF or OSB that are well fixed, laminated or inflated polystyrene, etc. After the application of the Atlabond quartz primer we can apply: basic coat or one-coat plaster, Graffiato, gypsum plasters, tile adhesives based on

cement, all types of cement mortars (ready, forged, self-leveling) and systems of exterior thermal insulation (ETICS). Due to its elasticity it can absorb the contractions-expansions that are generated to insulated surfaces, pillars, beams, and fronts of concrete with the adjacent walls of brick, concrete, aerated concrete, cinder blocks, etc. It can be also ideally used as a primer before the application of a mortar, as well as before the application of a forged mortar on tiles or mosaic.

#### Preparation of the surface

Foreign substances, dust, fatty or oily substances, cement residues, sealants, must be removed with a thorough scrubbing, in order for the adhesion of the Atlabond quartz primer on the substrate to be successful. Detached concrete parts, cracks and nests on the substrate must be repaired with the use of the high strength fibre reinforced thixotropic cement mortar Spatocret max 20. The substrate must be properly insulated and not be subjected to ascending humidity.

#### Preparation of the mixture-dilution

The Atlabond quartz primer, is ready to use. It can be diluted with water, at a maximum quantity of 5%. In all cases where the Atlabond quartz primer is diluted, it is recommended to perform a test before the application. Before the application, the Atlabond quartz primer must be very well stirred with a mechanical mixer (drill) at low speed (300 - 400 revs per minute). When the Atlabond quartz primer is applied as a plaster adhesion fixing primer, it can be mixed with cement up to 15% by weight.

#### Application

The Atlabond quartz primer is applied with a simple brush, roller or paint brush, as a uniform continuous layer without any gaps. If this is not achieved, there is always the risk of local detachment of the coat that is going to be adhered on the Atlabond quartz primer.



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One coat/layer is most of the times enough. After the application, we let the Atlabond quartz primer polymerize on the surface for approximately 12 - 24 hours, depending on the ambient humidity and temperature conditions. After the Atlabond quartz primer has fully dried, we can apply the next coatings.

## Consumption

Depending on the application, the consumption is approximately 0,3-0,6 Kg/m<sup>2</sup>.

## Technical Specifications

**Solid content:** 63% ± 1 [ASTM D2369]

**Density:** 1,35-1,45 Kg/L [EN ISO 2811.01]

**Viscosity:** 100 KU ± 5 [ASTM D562].

**pH:** 8,0-8,5

## Storage

The industrially sealed package can be maintained for 12 months, in a shady and cool area, at temperatures between 5°C and 30°C. After the application, seal the recipient tightly and store it under the proper conditions.

## VOC Classification

VOC sub-category according to the Directive 2004/42/EC: A/h [WB]  
Binding primers, Water-Borne. Limit value for the class(2010): 30 g/L.  
The content of the ready to use product is <1 g/L.

## Packaging

Red Tile	1 kg.	5 kg.	15 kg
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## Safety information

Read the label before use. For detailed instructions - precautions, consult the Product Safety Data Sheet. Poison Information Centre: (+30) 210 77 93 777.

