



ATLATHERM



ATLATHERM PR SILICONE

Silicone acrylic quartz plaster primer



- High penetration and waterproofing
- Strong adhesion and excellent alkali resistance
- Improves the strength of the plaster
- Stabilizes loose mortars
- Suitable for absorbent surfaces
- High performance and uniform spreading
- Unbreakable adhesion even on smooth surfaces
- Very high abrasion resistance
- Excellent hiding power
- Colored through the ART & COLOR System of ATLACOLL
- Water-borne, very low VOC and APEO-free
- Easy application
- Suitable for Indoor and Outdoor use



DESCRIPTION

ATLATHERM SILICONE PRIMER is a white, ready to use, water-borne, silicone acrylic primer with quartz granules. It creates a slightly rough surface that ensures an unbreakable adhesion to the final pasty plasters that will follow, while at the same time it reduces and stabilizes the absorbency of the structural surfaces, thus ensuring uniformity in the shade of the final surface, especially when dark plaster shades are to be used. It is suitable for indoor and outdoor use on plaster, concrete, plasterboard and surfaces painted with emulsion and acrylic paints. It has high alkali resistance, great performance and improves the appearance, coverage, adhesion and durability of acrylic, silicone and siloxane plasters ATLATHERM PS FIBER, ATLATHERM PS FIBER FLEX, ATLATHERM PL ETICS, ATLATHERM PL FLEX respectively, on smooth or uneven surfaces. It is recommended to use it colored in the same or similar shade as the plaster, especially when applying shades of ATLATHERM PS FIBER, ATLATHERM PS FIBER FLEX, ATLATHERM PL ETICS, ATLATHERM PL FLEX. It is an integral part of the ATLATHERM SYSTEM-external thermal insulation system.

APPLICATION SCOPE

ATLATHERM SILICONE PRIMER is used as a ready-to-use primer to ensure roughness in the substrate in order to enhance the adhesion of the subsequent plaster. Ideal for smooth surfaces such as exposed concrete, cement boards, plasterboards etc., but also for absorbent surfaces e.g. base plaster coat. It is recommended to be used colored in the same or similar shade as the plaster, especially when applying shades of ATLATHERM PLASTER, ATLATHERM PLASTER FLEX, ATLATHERM SILICONE PLASTER, ATLATHERM SILICATE PLASTER. Suitable for indoor and outdoor use.

All technical details and advice included or indicated in this manual are the result of laboratory measurements, numerous tests, long-term research, multiple technical applications, as well as our current knowledge and many years of experience. All the above information and specifications should be considered to be indicative, as there may be discrepancies between them. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown. In practice, the variations in materials, substrates and on-site application conditions are such that no guarantee can be given or implied as to the marketability or suitability of materials for a particular purpose and for the exact conditions of each project. No liability whatsoever can be established against the company on the basis of the information, written instructions or any other form of instructions provided herein. For this reason, it is the responsibility of the user to confirm in advance that the material is suitable for the intended use, and consequently, the user is solely responsible for the results obtained from the use of the product. Among other things, the Company is not responsible for any normal wear and tear or damage due to environmental or other inappropriate conditions. In addition, the Company reserves the right to revise or change the data contained herein without prior notice. The limitations and disclaimers apply to the extent permitted by applicable law. The company maintains a Technical Support Department, which is the only one responsible for providing technical advice and solutions to problems. Requests to the Technical Support Department are addressed and answered only in writing. To access the latest version of the Technical Data Sheet, which replaces all previous versions, please visit our official website at www.atlacoll.gr.





ATLATHERM



ATLATHERM PR SILICONE

ATLATHERM SILICONE PRIMER is applied:

- On indoor and outdoor walls and floors
- On smooth or non-absorbent surfaces such as exposed concrete, cement mortars, brickwork, plasters, terrazzo floors, metals, etc.
- On plasterboards, cement boards, particle boards, polystyrene insulating boards, etc.
- On old paintwork

It creates suitable adhesion conditions for:

- Coatings, cementitious plasters and acrylic dispersion plasters
- Water-soluble paints and dyes
- Tile adhesives, self-leveling cement mortars, etc.
- Waterproofing and repair mortars, etc.
- Stucco cement

TECHNICAL CHARACTERISTICS

Property	Value
Form	Thick liquid
Color	White
Density	1,49 ± 0,015
pH	8 - 8,5
Touch Dry	1-2 h
Recoat Time	4-6 hours
Viscosity at 25°C	120 ± 2 KU
Consumption	150 - 200 g/m ²

METHOD OF USE

1. SUBSTRATE PREPARATION

The surface to be primed must be solid, dry, clean and free from dust, grease, dirt, old coatings, limescale, and loose elements.

2. APPLICATION

Before use, stir the contents of the container thoroughly until a homogeneous mixture is obtained. Then, apply an even coat of ATLATHERM SILICONE PRIMER with a roller or brush. The primer can be thinned up to 10% with pure water, depending on the absorbency of the surface and the desired degree of substrate reinforcement. After it has dried for at least 1-3 hours, the application of the pasty plaster takes place. These timings vary depending on the weather conditions (relative humidity and temperature).

CONSUMPTION

150-200g/m², per coat, depending on the type of application and the absorbency of the surface.

THINNING

Not required. The product is ready to use. If necessary, thin it up to 10% with pure water, depending on the absorbency of the surface and the desired degree of substrate reinforcement.

DRYING TIME at 20°C, 65% RH (Relative Humidity)

For touching: 15 - 45 minutes.

Repainting or coating with pasty plaster: after about 3-5 hours, depending on the conditions.

V.O.C.

EU limit value of maximum VOC content (as per Directive 2004/42/EC) for the specific product (category A/g "Primers", Type Y): 30 g/L. The product contains a maximum of 29 g/L VOC (ready to use).

SHADES

Available in white and can be colored in any shade through ATLACOLL ART & COLOR Shade Creation System.

All technical details and advice included or indicated in this manual are the result of laboratory measurements, numerous tests, long-term research, multiple technical applications, as well as our current knowledge and many years of experience. All the above information and specifications should be considered to be indicative, as there may be discrepancies between them. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown. In practice, the variations in materials, substrates and on-site application conditions are such that no guarantee can be given or implied as to the marketability or suitability of materials for a particular purpose and for the exact conditions of each project. No liability whatsoever can be established against the company on the basis of the information, written instructions or any other form of instructions provided herein. For this reason, it is the responsibility of the user to confirm in advance that the material is suitable for the intended use, and consequently, the user is solely responsible for the results obtained from the use of the product. Among other things, the Company is not responsible for any normal wear and tear or damage due to environmental or other inappropriate conditions. In addition, the Company reserves the right to revise or change the data contained herein without prior notice. The limitations and disclaimers apply to the extent permitted by applicable law. The company maintains a Technical Support Department, which is the only one responsible for providing technical advice and solutions to problems. Requests to the Technical Support Department are addressed and answered only in writing. To access the latest version of the Technical Data Sheet, which replaces all previous versions, please visit our official website at www.atlacol.com.





ATLATHERM



ATLATHERM PR SILICONE

CLEANING

Remove as much material as possible from the tools before cleaning them. Then, clean the tools with water and, if necessary, soap or detergent solution.

SHELF LIFE-STORAGE

The factory sealed packaging remains stable for 12 months if kept in a shady and cool environment, at temperatures between 5°C and 35°C. After application, seal the container tightly and store it in a dry environment protected from sun, moisture and frost.

PACKAGING

Available in 15 Kg containers, in 660 Kg pallets, and in 5 Kg containers in 600 Kg pallets.

RECOMMENDATIONS - REMARKS

- The air, material and substrate temperature during application should be between +5°C and +35°C and/or relative humidity should not exceed 80%
- Do not apply to surfaces with humidity exceeding 4%
- Avoid application when there are strong winds or in hot, rainy or freezing conditions.

SAFETY INSTRUCTIONS

For instructions on the safe use and handling of the product, see the container label. For information and detailed precautionary instructions, please refer to the latest Safety Data Sheet which contains ecological, toxicological and other data on safety in handling the product.

Poison Center for GREECE: 210 7793 777 / for CYPRUS 1401.

All technical details and advice included or indicated in this manual are the result of laboratory measurements, numerous tests, long-term research, multiple technical applications, as well as our current knowledge and many years of experience. All the above information and specifications should be considered to be indicative, as there may be discrepancies between them. The Company makes every effort to ensure the accuracy of the information provided herein. Product specifications, prices and availability are subject to change without notice and may differ from those shown. In practice, the variations in materials, substrates and on-site application conditions are such that no guarantee can be given or implied as to the marketability or suitability of materials for a particular purpose and for the exact conditions of each project. No liability whatsoever can be established against the company on the basis of the information, written instructions or any other form of instructions provided herein. For this reason, it is the responsibility of the user to confirm in advance that the material is suitable for the intended use, and consequently, the user is solely responsible for the results obtained from the use of the product. Among other things, the Company is not responsible for any normal wear and tear or damage due to environmental or other inappropriate conditions. In addition, the Company reserves the right to revise or change the data contained herein without prior notice. The limitations and disclaimers apply to the extent permitted by applicable law. The company maintains a Technical Support Department, which is the only one responsible for providing technical advice and solutions to problems. Requests to the Technical Support Department are addressed and answered only in writing. To access the latest version of the Technical Data Sheet, which replaces all previous versions, please visit our official website at www.atlacoll.gr.

