

# Primerquarz

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PrimerQuarz

## Technical Data

Sheet Revision: 8 of: 22/07/2025 Pigmented acrylic filler and fixing primer for exteriors, ideal for improving adhesion and making the surface uniform support.

## Product Description

PrimerQuarz It is a high-performance pigmented acrylic primer specifically designed to prepare and smooth interior and exterior wall surfaces before applying decorative coatings or protective paints. Its advanced formulation based on modified acrylic copolymers in aqueous emulsion And selected quartz fillers It guarantees excellent consolidating action, excellent adhesion to substrates, and regulates absorption, even on uneven or partially chalky surfaces.

The product performs a dual role: deep fixative and adhesion promoter, improving compatibility between the substrate and subsequent coats, promoting mechanical adhesion, and extending the life of the paint cycle. It is available in various colors to facilitate coverage and optimize the color uniformity of the decorative cycle.

Thanks to its microgranular structure, PrimerQuarz creates a slightly rough surface, ideal for ensuring the adhesion of acrylic, siloxane, or silicate coatings, even on new or old plaster, cementitious surfaces, plasterboard, or previously painted substrates.

## Features and Performance

Insulating and consolidating: penetrates the pores of the masonry, creating a resistant film that stabilizes crumbling surfaces. Anchoring and filling action: improves the adhesion of subsequent finishing layers and evens out the absorption of the substrate. Neutralization of alkalinity: reduces the risk of adverse reactions with applied coatings.

Improves the durability and performance of finishes: ensures a uniform aesthetic result and greater protection of the substrate. Excellent workability: Easy to apply by brush, roller or spray, ensuring an even application. Versatile and durable: ideal for painting cycles and decorative and protective coatings on internal and external wall surfaces.

Water-based formulation: reduces environmental impact and is free of harmful solvents. Thanks to its consolidating action and high anchoring capacity, PrimerQuarz It is the ideal choice for preparing wall surfaces intended to receive paints and coatings, ensuring durability and optimal performance.

## Fields of Application

PrimerQuarz It is indicated for the preparation of external wall surfaces, ensuring excellent adhesion and uniformity of the applied finishes. The product is particularly suitable for: New and pre-existing plasters, consolidating and smoothing porous or slightly crumbling surfaces. Concrete walls, preventing uneven absorption and improving the hold of finishes.

Plaster and plasterboard supports, provided they adhere well and are free from surface dust. Facades and external surfaces subject to bad weather, improving resistance to humidity and drying cycles. Thanks to its anchoring and filling action, PrimerQuarz It ensures an ideal base for the application of paints, acrylic and elastomeric coatings and high-thickness systems, guaranteeing greater uniformity and durability over time.

## Technical Features

Appearance Matt Colour in can White and colour chart shades Density Kg/Lt 1,410 +/- 0,05 Supply viscosity 25 degrees c 18000 +/- 3000 Brookfield CPS Volumetric dry residue 62 +/- 2% Theoretical coverage 12 - 16 m<sup>2</sup>/lt depending on absorption Dilution Water Application method Brush Dilution 20 - 35 % Roller Dilution 15 - 35 % Drying 25 degrees C Touch dry 1 - 2 hours Touch dry 4 - 6 hours Deep dry 18 - 24 hours Overcoating Minimum/Maximum 8 hours / no limitations

## Storage

stability 12 months Standard packaging Lt.4 - Lt.14 EN 15824 classification Water vapour permeability EN ISO 7783-2 V2 (SD less than 0.248 m) Water absorption EN 1062-3 W2 (w 0.373 or less kg per m<sup>2</sup> h0.5) Adhesion EN 1542 Compliant (0.3 MPa or greater) Durability EN 13687-3 Compliant (0.3 MPa or greater) Thermal conductivity EN 1745 0.629 W/m K (tabulated value) Reaction to fire EN 13501-1 Class C

## Application Method

Surface preparation To ensure the best performance of PrimerQuarz, careful preparation of the substrate is essential: Preliminary check: make sure the surfaces are structurally sound, clean and free from dust, oils, saline or contaminating efflorescences that may compromise adhesion. Removing loose parts: eliminate any detachments, friable or non-adherent parts by brushing, sanding or high pressure washing if necessary.

Treatment of irregular surfaces: Cracks, crazing and widespread repairs must be filled and/or smoothed with suitable products before applying the primer. New surfaces (plaster, concrete, drywall, plaster, masonry) must comply with the maturing times of the support before preparation. Product

## Application Method

of application: Brush or short-haired roller, making sure to distribute the product evenly. Dilution: Adjust according to the degree of absorption of the substrate to ensure correct adhesion and a uniform finish. Number of hands: Generally one hand is enough, but on particularly absorbent or irregular surfaces a second layer may be necessary.

Environmental conditions: Apply at temperatures between +5 degrees C and +35 degrees C, avoiding overheated surfaces, excessive humidity or the risk of imminent rain.

## Tips and Notes

Ideal environmental conditions Apply PrimerQuarz exclusively in favorable climatic conditions: Media and ambient temperature: included between +5 degrees C and +35 degrees C. Relative humidity of the air: 80% or less. Avoid application on surfaces: overheated by direct solar radiation, wet or not perfectly dry, in the presence of impending rain, strong winds or persistent fog.

Support Verification Make sure the bottom is dry, cohesive and free from dust, salt efflorescence, rising damp or condensation. Do not apply on crumbly or unstable substrates without prior smoothing or consolidating. Recoating times In normal climate conditions (20-25 degrees C, RH less than 65%), PrimerQuarz can be re-covered after approximately 4-6 hours.

In the presence of low temperature or high humidity, extend the drying time to ensure correct adhesion of subsequent coats. Before proceeding with paints or wall coverings, check the complete drying of the bottom. Conservation Store the product in cool, dry environment, in well-closed containers and sheltered from frost, direct sunlight and temperature changes.

Recommended storage temperature: +5 degrees C to +30 degrees C. Always close the container after use to preserve its stability.

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(\*) This information is considered indicative only. The company reserves the right to change it without notice. It is the users' responsibility to verify suitability for their specific use.