

HERBIDUR QUARTZ



Water-based paint with filler aggregates, for exteriors, with ENCAPSULATED BIOCIDA TECHNOLOGY



USE

Matt finish with filler aggregates for all outdoor wall surfaces.

PROPERTY

- **Encapsulated Biocide Technology:** guarantees greater protection of the applied finish from microorganisms (fungi, algae, mould, ...) and consequently greater durability and cleanliness of the facades over time.
- Good covering power.
- It evens out substrates thanks to its good filling properties.
- Good resistance to chalking.
- Permeable to water vapor.

CHARACTERISTICS

Composition: based on synthetic resins in aqueous emulsion, pigments and selected fillers resistant to light and alkalis.

Density: approx. 1.55 kg/l **Physical parameters according to EN 1062:**

- Brilliance	G3 opaque	(≤ 10 GU 85°) (approx.
- Thickness	AND3	1.5) (> 100µm ≤ 200µ
- Granulometry	S2 medium	m) (< 300µm)

EU limit value for VOC content: Cat. A/c: 40 g/l 2010.

This product contains a maximum of 30 g/l VOC.

Colors: white and colors available on colorimetric machine.

Packaging: White=Base DU1 – Base DU2 - DU3: 1; 5 and 12.5 l.

Conservation: Store the product in its original packaging, tightly closed and in a dry, cool place, away from frost.

INSTALLATION

Application: by brush and roller.

Dilution: 15% to 30% by volume with water.

Conditions of application: Application and drying must take place in temperature conditions between +5°C and +30°C and with relative humidity lower than 85%

Theoretical consumption: approx. 100 - 125 ml/m² by hand.

Practical yield: 6 - 10 m²/l per coat. Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates and the application system used.

Drying (at 23°C and 50% RH):

- Repaintable: after approximately 3 - 4 hours.
- Fully dried: after about 7 days.

APPLICATION SYSTEMS

The application system and preparation of the substrates must be evaluated and chosen based on the current state and the conditions to which the substrate itself will be exposed.

Supports: the substrates must be healthy, clean, dry and free from saline efflorescence, mold, algae or fungi. They must not be crumbling or have detached parts.

To clean surfaces contaminated by microorganisms use Fungimos.

Preparation of the supports: clean the supports and consolidate the crumbling ones. Repair the surface defects by applying suitable products from the Polyfilla Pro line.

Do not apply the product on new plaster for at least 4 weeks.

New mineral surfaces:

- Apply a preliminary coat of Tiefgrund Aqua diluted with water at a maximum of 30% by volume or of Fassaden Putzfüller diluted up to 20% with a mixture of water + Putzgrund (obtained with 2 parts water and 1 part Putzgrund); alternatively a first coat like a brush of Herbidur Quartz diluted to a maximum of 30% by volume with water.

Then apply:

- A first coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 15% by volume with water.

Old mineral surfaces: clean the substrate thoroughly by high pressure washing; any saline efflorescence, mould, algae or fungi must be removed beforehand and adequately treated with Fungimos.

- Apply a preliminary coat of Multigrund SB. Then apply:
- A first coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 15% by volume with water.

Surfaces painted with organic products: clean the substrate thoroughly by high pressure washing; any saline efflorescence, mould, algae or fungi must be removed beforehand and adequately treated with Fungimos.

- Apply a coat of Multigrund SB; in the case of substrates in good condition and not chalking, apply a coat of Fassaden Putzfüller diluted up to 20% with a mixture of water + Putzgrund (obtained with 2 parts water and 1 part Putzgrund).

Then apply:

- A first coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 15% by volume with water.

New reinforced concrete works: do not treat for at least 4 weeks.

Clean the substrate thoroughly by high-pressure washing; any salt efflorescence, mould, algae or fungi must be removed beforehand and adequately treated with Fassaden Reiniger.

- Apply one coat of Multigrund SB.

Then apply:

- A first coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 15% by volume with water.

SYSTEM FOR BRILLIANT COLORS

For particularly bright shades, to avoid problems of uneven coverage, we recommend adopting the following application cycle:

New mineral surfaces:

- Apply a 3:1:1 mixture by brush (3 Herbidur Quartz: 1 Putzgrund: 1 water. It is recommended to prepare and use the mixture within a few hours).

Then apply:

- A first coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 15% by volume with water. **Old**

or already painted mineral surfaces:

- Apply a first coat of Multigrund SB. Then apply:
- A first handlike a brush of Herbidur Quartz diluted to a maximum of 30% by volume with water.
- A second coat of Herbidur Quartz diluted to a maximum of 20% by volume with water.
- A third coat of Herbidur Quartz diluted to a maximum of 15% by volume with water.

Recommendations:

- It is recommended to apply the product in favourable climatic conditions as indicated, the application of the product carried out in unsuitable conditions negatively influences the drying times compromising the achievement of optimal aesthetic and performance characteristics.
- It is recommended to use shade cloths on the scaffolding to protect from the sun's rays and any rain.

STABILITY AND WEATHER RESISTANCE OF THE FILM

The product takes 8 - 10 days to complete the polymerization process, during this time it is partially sensitive to rainwater which, when hitting the painted surfaces, can partially remove the stabilizing additives giving rise to unsightly drips with a translucent and sticky appearance.

The phenomenon, which is temporary in nature, does not alter the protective qualities and durability of the finish and can be eliminated with a simple power wash or naturally following subsequent rain events.

SECURITY INFORMATION

For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

All technical information contained herein is indicative. For further information, please consult our Technical Assistance service.

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