

superquarz plus reflect

technical sheet - ed. 06/2022



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OUTDOOR



WATER
BASED



BRUSH



ROLLER



AIRLESS

Water-based paint with low IR absorption

DESCRIPTION

Acryl water-based paint with balanced particle size fillers dispersed in water and "cool pigments" based on REFLECT technology (TOTAL SOLAR REFLECTANCE). It can be used to create colours with dark tones, keeping excessive heating of the surface film to a minimum. Velvety matt finish, insensitive to the alkalinity of the substrate; water-repellent. Film protected from attack by algae, fungi and moulds. For outdoor use. For professional users only

MAIN PROPERTIES

- High thermal reflectance;
- Particularly fine;
- Exceptional coverage;
- Film protected from the formation of mold and algae



TECHNICAL DATA

Water absorption (class W) (EN 1062)	classe W2 Value 0.22 kg/(m ² *h ^{1/2})
Film aspect EN 13300	G3, Matt (≤ 10 gloss 85°)
Classification (UNI 8681 / UNI 8682)	One-pack, physical drying, matt, acrylic topcoat paint dispersed in water (B4.CO.A.2.FA)
Solid content	70 ± 2 %
Granulometry (EN 13300 / EN 1062)	S1, Fine (< 100 µm)
Specific weight	1660 ± 50 g/l
Drying time	Can be overpainted after 6 hrs, completely dry after 12 hrs
Type of binder	Acrylic
	7-8
VOC	Cat A/c: limit 40 g/l (2010); this product contains a maximum of 1 g/l of VOCs

CHARACTERISTICS

Overpaintable	Compatibility with other products: compatible with all solvent free products
Diluted with	Water
Dilution	1st coat: 20-30%; 2nd coat: 15-20%
Colour range	Greys and shades with high TSR values.
Coverage	With the application of 2 coats: 3-4 m ² /l
Coverage per pack	(14 l): 56 m ² , approx. Coverage varies according to substrate absorption.

APPLICATION

Ambient Conditions:

min +5°C max +35°C max RH 80%

Type of Equipment:

brush, roller, airless spraying equipment

Suitable Substrates:

Cement-based plaster, painted plaster, lime-based plaster and paint, exposed reinforced concrete, precast concrete features and panels, fibre cement.

Application Procedure:

Dilute SUPERQUARZ PLUS REFLECT as indicated and mix with a low speed mixer. Apply two coats, waiting at least 6 hours between coats. For brush or roller painting, to achieve a uniform appearance, cross the direction of strokes during

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application.

Notes:

Do not apply when in direct sunlight or when it is very windy. Delay in drying during the initial period of exposure to the weather can form unsightly streaks on the surface due to condensation, fog or rain. Depending on the intensity of the colour, this effect may be more or less evident but does not imply any reduction in product quality. As a rule, these imperfections disappear on their own upon additional exposure to heavy rainfall.

Preparation of the Substrate:

All substrates should be carefully prepared by manual brushing and/or pressure washing, depending on the nature and extent of the dirt on the surface to be treated. Make certain that there is no efflorescence, loose parts, release agents, waxes, oils or anything else that could compromise adhesion.

New masonry substrates:

Apply one coat of Primacril (IVAS) fixative.

Old painted masonry substrates:

remove loose or peeling paint, apply one coat of Nitrofix fixative (IVAS).

STORAGE

Packaging:

14 l

Storage:

1 year when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIO

