

ANTARTICA

WATER-BASED WASHABLE WALL PAINT FOR PROFESSIONAL INDOOR USE, MATT - FAST DRYING

series 406

DESCRIPTION

ANTARTICA is washable water paint, permeable to water vapour, resistant to repeated washing with water.

Odourless, low VOC content, free of plasticising agents, allows reoccupying the painted rooms sooner.

Optimised for professional applications:

- fast drying with a reduction in recoating times
- spatter resistant when applied with roller or brush, with reduced surface protection and cleaning times
- less shielding and laying of protective absorbing pads, etc.
- produces a very fine, matt and even finish.

INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Gypsum and gypsumboard surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

TECHNICAL SPECIFICATIONS

Type of Binder: Synthetic polymers in aqueous dispersion

- Classification per UNI EN 13300:
.Wet-scrub resistance per ISO 11998: class 3
.Gloss per EN ISO 2813: <5, matt
.Hiding power per ISO 6504-3: class 2 on 7 mq/l spreading rate

Other characteristics

- Specific gravity per UNI EN ISO 2811-1: $1,55 \pm 0,05$ kg/l
- Viscosity per UNI 8902: 36000 ± 3200 cps at 25 °C (Brookfield viscometer)
- Wet-scrub resistance per UNI 10560: >3000 cycles, resistant
- Class of reaction to fire ISO 1716: A1
- Drying time (at 25 °C and 65% R.H.): to touch in 30 min; to recoat after 2 hours.

PREPARING THE SURFACE

Wall and ceiling surfaces:

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333. To protect the wall from mold formation add COMBAT 444 code 4810444 sanitizer to the product.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.
- Level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110; sand putty and touch-ups with sandpaper.
- Use adequate sealants to seal any cracks.
- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- On a clean, dry surface apply one coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. On gypsumboard, apply the specific fixative PREPARA 4710019 pigmented fixative. In the presence of thin layers of old tempera or chalking paints, apply one coat of solvent-based wall fixative ISOMARC 4410111 or ATOMO 8840001 micronized solvent-free fixative.
- Apply ANTARTICA.

*(The dilution of the fixative and amounts to be applied depend on the absorption of the support surface, and must be determined through preliminary tests on the specific support surface - See the relevant technical data sheet).

APPLICATION INSTRUCTIONS

- Air and support surface conditions:
Air temperature: Min. +8 °C / Max. +35 °C
Relative environmental humidity: <75%
Support surface temperature: Min. +5 °C / Max. +35 °C
Moisture level of the support surface: <10%
- Avoid applying when surface condensation is present, or in direct sunlight.
- Tools: wool roller or microfibre roller, brush, airless.
- N coats: at least 2 coats.
- Diluting: with water. By roller, first and second coat at 15-20%; by brush, first coat at 40-45%, subsequent coats at 30%.
- When spraying and airless spraying thinning varies depending on the unit and operating pressure used.
- Tools should be cleaned immediately after use using water.
- Indicative spreading rate: 9-12 sqm/l per coat based on smooth surfaces featuring average absorption. It is advisable to determine the actual spreading rate by carrying out a preliminary test on the specific surface.

TINTING

The tints are obtained through the tinting system and with the COLORADO colorants series 548.

WARNING: the colors derived from the base transparent recommend a maximum dilution to 20% with water.

In the case of using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

STORAGE

- Maximum temperature for storage stability: +30 °C
- Minimum temperature for storage stability: +5 °C
- The product should be preferably used within 2 years from date of manufacture when stored in original unopened

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containers and in appropriate temperature conditions.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/a: Matt coatings for interior walls and ceilings

(gloss \leq 25@60°) (water-base): 30 g/l (2010)

The product contains max: 1 g/l VOC

Use the product according to current standards of hygiene and safety after use, do not litter containers, allow the residue to dry and treat them as special waste. Do not empty into drains, water courses or onto the ground. For more information see the safety data sheet.

SPECIFICATION ITEM

Matt water paint, washable, permeable to water vapour, odourless, low VOC content, free of plasticising agents, fast drying.

On already prepared surfaces, apply at least two coats (depending on the surface absorption) of ANTARTICA series 406 water paint based on modified synthetic resin in water dispersion.

Supply and installation of the material € per sq.m.

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