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# Antartica

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



SERIES 406

ANTARTICA - V.2024-09-23

## 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.

The product complies with the Indoor Air Comfort Gold specification of Eurofins.

## TECHNICAL SPECIFICATIONS

Type of Binder: Synthetic polymers in aqueous dispersion

Indoor Air Quality classification: A+

Indoor Air Comfort Gold certification (Eurofins IACG-442-01-01)

- Classification per UNI EN 13300:

.Wet-scrub resistance per ISO 11998: class 3

.Gloss per EN ISO 2813: <math><5</math>, 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:  $36000 \pm 3200$  cps at 25 °C (Brookfield viscometer)

- Wet-scrub resistance per UNI 10560: >3000 cycles, resistant

- Classification of reaction to fire EN13501-1: Class A2 s1 d0

Referred to a consumption not exceeding that indicated, and to an application on a non-combustible surface.

- Drying time (at 25 °C and 65% R.H.): to touch in 30 min; to recoat after 2 hours.

## 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.

## INSTRUCTIONS FOR USE

- May be applied on:
- New and old plasters based on hydraulic binders.
  - Concrete surfaces.
  - Surfaces plaster and plasterboard.
  - Old paints and coatings that are organic or mineral, dry, compact, absorbent and cohesive.
  - Conglomerates of various kinds provided mineral absorption.
- Surfaces should be adequately prepared by following the procedures in the paragraph 'PREPARING THE SURFACE'.  
Do not apply on freshly-painted and alkaline-tending surfaces, and allow adequate curing time, typically four weeks.

## PREPARING THE SURFACE

- Plaster, gypsum and gypsumboard 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. if necessary, 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 FIT 9670160 or with BETOMARC FIT 9740150 or MARCOPRO 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.
  - Proceed with applying the finishing product.

\*(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).

## 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 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.