SAN MARCO
is a brand of
San Marco Group Spa

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SAN MARCO GROUP
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Combat 1000

BREATHABLE SANITIZING ANTI-MOULD WATER-BASED PAINT FOR INTERIOR USE - HIGH WHITENESS



DESCRIPTION

COMBAT 1000 is a breathable interior paint with high whiteness, designed for rooms with high humidity and susceptible to mould and mildew.
- Protects dry film from mould growth thanks to mildew-inhibiting additive
- Easy to apply, this paint gives high yield and breathability
- Low VOC
- Matt appearance
- Formula designed to create highly white, uniform finishes

TECHNICAL SPECIFICATIONS

- Type of Binder: vinyl resins in water emulsion
- Indoor Air Quality classification: A+

- Classification per UNI EN 13300:
.Wet-scrub resistance per ISO 11998: class 4
.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: 1.62 ± 0,05 kg/l
- Mould resistant per UNI EN 15457
- Drying (at 25 °C and 65% R.H.): to touch 30 min.; to recoat after 4 hours.

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

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paragraph 'PREPARING THE SURFACE'.
Do not apply on freshly-painted and alkaline-tending surfaces, and allow adequate curing time, typically four weeks.

SUBSTRATE PREPARATION

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.
- 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).

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%
- Tools: brush, roller, spray gun or airless.
- N. of coats: 2 coats.
- Dilution with water: brush at 30-40%, roller 15-20%.
- Airless 20-25% (nozzle diameter: 0.45-0.53 mm / 0.018-0.021 in.; pressure: 150-180 bar / 2176-2611 psi).
- Tools should be cleaned immediately after use using water.
- Indicative spreading rate: 10-13 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 product may be tinted by means of the Color Matching System.
The product may also be tinted using COLORADO series 548 colorants.
When 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

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The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SECURITY PROCEDURES

Limit value EU (Dir. 2004/42/EC)
Cat. A/a: Matt coatings for interior walls and ceilings (gloss≤25@60°) (water-base): 30 g/l (2010)
The product contains max: 5 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.

SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.