

COMBATPLUS

HIGHLY WASHABLE, ANTI-MILDEW WATER-BASE PAINT FOR INTERIOR WALLS

code 4130019

DESCRIPTION

COMBATPLUS is a highly washable water-base paint formulated with acrylic resin in aqueous solution, offering high covering power and excellent filling, and also protects interior surfaces from mildew.

COMBATPLUS is easy to apply, spreads well, and is thus particularly suited to painting interior walls. Even though designed as an anti-mildew paint for interiors, the product is also excellent for exterior surfaces, and is able effectively to protect the surface without, however, fulfilling any anti-mildew or anti-algae function.

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

- Nature of the binder: vinylversatate copolymer in emulsion.
- Specific gravity per UNI EN ISO 2811-1: 1.58 ± 0.05 kg/l
- Viscosity per UNI 8902: 32000 ± 3200 cps at 25 °C
- Wet-scrub resistance per UNI 10560: 5000 cycles, resistant
- Gloss per EN ISO 2813: 5-10, matt
- *Resistance to mold per UNI 9805: 0 = no development
- *Resistance to fungi per UNI EN 15457: 0 = no development
- Drying time (at 25 °C and 65% R.H.): to touch 30 minutes; to recoat after 8 hours.

*Test report n° 55406 and n° 68308 issued by THOR SPECIALTIES of Besnate (Va).

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 COMBATPLUS.

*(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.
- Diluting: with water. By brush: first coat at 35%, second coat at 30%. By roller at 25%
- When 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 product may be tinted by means of the Marcromie Color Matching System.

The product may also be tinted using BRAVOCASA TINTE COLORANTI series 408P (in light shades only) and 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: +30 °C.

Minimum temperature for storage: +5 °C.

Keep away from damp.

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

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

Cat. A: Matt coatings for interior walls and ceilings (gloss <math><25@60^\circ</math>) (water-base): 75 g/l (2007) / 30 g/l (2010)

COMBATPLUS Contains max: 30 g/l VOC

The product does not require labelling according to the Directives 1999/45/EC and 67/548/EEC and subsequent amendments. Use the product in compliance with the hygiene and safety regulations in force. Do not dispose of the containers as usual waste. Allow the residue to dry, and handle them as special waste. Store out of the reach of children. Use in a well-ventilated room. If the product comes into contact with the eyes, wash them immediately with plenty of water. If swallowed, immediately consult a physician and show him the container or label. Do not throw the residues into sewer systems or streams, or onto the ground.

Consult the safety data sheet for more information.

SPECIFICATION ITEM

Applications on previously prepared surfaces, of highly washable COMBATPLUS code 4130019 paint, based on acrylic resins in aqueous solution and minerals, at least 2 coats are applied in quantities determined by the porosity of the surface.

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

COLORIFICIO SAN MARCO 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. For further technical information call the technical service +39 041 4569322.