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Combat 999 Ew

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



CODE 4890019

COMBAT 999 EW - V.2024-09-24

DESCRIPTION

COMBAT 999 EW is a breathable water-based paint highly suited for interior rooms exposed to a high level of air-borne moisture and inclined to the formation of mould.

It is used to create exceptionally white, flat and uniform finishes.

Thanks to its hygienic strength, this product maintains the original appearance of the surfaces for a long period of time and improves the level of comfort in the room.

COMBAT 999 EW also provides excellent coverage, high breathability and good drip resistance, brushability and extension.

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: vinylic resins in aqueous dispersion.
 - Specific gravity per UNI EN ISO 2811-1: 1.74 ± 0.05 kg/l
 - Gloss per EN ISO 2813: 5-10, matt
 - 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.
- * Anti-mold efficacy 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 4 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.
- 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 COMBAT 999 EW.

*(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. First coat at 50%; second coat at 30-40%.

- 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 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

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: 30 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

Interior water-based mould inhibiting protective paint.

The water-based mould inhibiting protective paint COMBAT 999 EW code 4890019, with its vinylic resins in an aqueous dispersion and additives protecting against the formation of mould, is applied to previously prepared surfaces using at least 2 coats in amounts that are determined by the absorption of the substrate.

Supply and application of the material €. per m2.