

BIO THERM

ANTICONDENSATION ANTIMOLD WALL PAINT FOR INDOOR USE

code A188019

DESCRIPTION

BIO THERM is a breathable wall paint for indoor use based on hollow glass microspheres that contribute to the improvement of the thermal insulation of the walls by reducing the formation of condensation caused by the temperature difference between the indoor air of the room and the wall. It prevents and contrast the formation of mold in areas with high humidity or subjected to heavy condensation, as kitchens, bathrooms, basements, laundry rooms etc.

INSTRUCTIONS FOR USE

It can be applied indoor on plasters, new or already painted.

TECHNICAL SPECIFICATIONS

- Type of binder: vinyl versatate copolymer in emulsion
- Special components: hollow glass microspheres.
- Specific gravity per UNI EN ISO 2811-1: $0,78 \pm 0,05$ kg/l
- Viscosity per UNI 8902: 22000 ± 1600 cps a 25°C (Brookfield viscometer)
- Drying time (at 25°C and 65% R.H.): to touch in 30 minutes; to recoat after 8 hours.

PREPARING THE SURFACE

The surface where the intervention takes place must be compact and free from chalking; otherwise it is necessary to provide for the restoration or consolidation with IDEALFIX acrylic fixative (The dilution of the insulation and the quantity to be applied depend on the absorption of the substrate and are determined by preliminary tests).

Remove, by brushing or washing, any saline efflorescence. In the presence of old paints remove the parts are not perfectly adherent.

Thick layers of old lime based paints or tempera are required to be removed completely wetting the surface thoroughly and scraping with a suitable tool.

Level the surface irregularities (holes, cracks, crevices and gaps) with putty in paste RASINT.

Sand putty and touch-ups with sandpaper.

Then remove the dust, smog or other deposits by brushing.

In the presence of mold should thoroughly wash the wall first and treat the surface with a suitable disinfectant type COMBAT 333 (*) in order to improve the anti-mold action.

(*)BRAVOCASA, COMBAT 444 and COMBAT 333 are products of Colorificio S.Marco S.p.A.

APPLICATION INSTRUCTIONS

The product can be applied by brush or roller.

The product should be applied at least in 2 or more coats (greater thickness, better heat insulation).

Dilution with water: by brush at 5-10%; on very porous surfaces, dilute the first coat up to 20%. By roller at 3-5%.

Tools should be cleaned immediately after use with water.

Do not apply at relative humidity $>80\%$ and surface humidity $>10\%$, and environment temperatures and/or substrate below $+5^{\circ}\text{C}$ or above $+35^{\circ}\text{C}$.

Indicative spreading rate: $6\text{ m}^2/\text{l}$ per coat (it refers to applications on smooth and medium absorbing surfaces. Therefore it is appropriate to determine the actual spreading with a preliminary test on the specific support).

TINTING

The product can be tinted with ready colors like BRAVOCASA TINTE COLORANTI (*) (only for light colors) and with universal colorants. Mix by hand, not using a machine.

STORAGE

Maximum temperature for storage stability: $+30^{\circ}\text{C}$

Minimum temperature for storage stability: $+5^{\circ}\text{C}$

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 $<25@60^{\circ}$) (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.

For more information see the safety data sheet.

SPECIFICATION ITEM

Wall paint anti condensation anti-mold.

Applications, on already prepared surfaces, of breathable anti condensation paint BIO THERM, based on vinyl versatile resins in aqueous solution and glass microspheres, at least into 2 coats, in quantities according to the surface absorption.

Supply and application of the material € per sqm.

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.

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