

# FUMEX 1 PRIMER

STAIN COVERING WATER DILUTABLE ODORLESS BONDING AGENT

code 4460001

## DESCRIPTION

FUMEX 1 PRIMER is the white medium-coverage bonding agent, specifically formulated for pretreating walls stained with nicotine, coffee, cooking grease (frying oil), wine, magic marker, pen ink, soot, etc., before painting with FUMEX 2 FINITURA.

Easy to spread and fast-drying, FUMEX 1 PRIMER is able to absorb the stain components without allowing them to appear on the surface.

For its ease of use, excellent adherence, high washing resistance and rapid application, FUMEX 1 PRIMER/FUMEX 2 FINITURA is especially suitable for painting public buildings, bars, pizzerias, etc., especially on those surfaces most subject to dirt deposits (i.e., near the espresso machine, furnace, radiators, etc.).

Painting over with water-based non-specific paint does not ensure effective and complete stain coverage.

## 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

- Type of Binder: Copolymer of modified synthetic resins in aqueous dispersion
- Specific gravity per UNI EN ISO 2811-1:  $1.07 \pm 0.03$  kg/l
- Viscosity per UNI 8902:  $1250 \pm 250$  cps at 25°C (Brookfield rotational viscometer)
- Appearance: white semigloss.
- Drying (at 25°C and 65% R.H.): to touch in 30 minutes; to recoat after 2 hours.

## PREPARING THE SURFACE

Plaster surfaces:

- Make sure that the support has a maturation time of at least 28 days.
- Check the preservation status. The surface must be smooth. If not, resurface or consolidate using specific products.
- Remove any efflorescence present by brushing or washing.
- If old paint is present, remove any peeling parts that are not completely adhered, while raised layers of lime-based or tempera paints must be completely removed by thoroughly wetting the surface and scraping, or using a high-pressure water jet machine.
- Level any irregularities in the surface. Holes, cracks, crevices and gaps may be treated with TAMSTUCCO

9400006 or TAMSTUCCO POLVERE 9410110.

- Cracks must be adequately widened and filled with stucco or similar products.
- Sand putty and touch-ups with sandpaper.
- Remove any grease, dust, smog or other deposits by brushing or washing with water.
- If mold is present, first treat the surface with COMBAT 222 cleanser 480222 and with COMBAT 333 reconstruction 4810333.
- Make sure that the surface is thoroughly dried and apply a layer of FUMEX 1 PRIMER Stain block water-based wall bonding agent diluted to 10-15% with water.
- Apply FUMEX 2 FINITURA as described in the application instructions.

Sheetrock and plasterboard surfaces:

- If old paint is present, remove any peeling parts that are not completely adhered, while raised layers of lime-based or tempera paints must be completely removed by thoroughly wetting the surface and scraping.
- Level any irregularities in the surface. Holes, cracks, crevices and gaps may be treated with TAMSTUCCO 9400006 or TAMSTUCCO POLVERE 9410110;
- Cracks must be adequately widened and filled with stucco or similar products.
- Sand putty and touch-ups with sandpaper.
- If mold is present, first treat the surface with COMBAT 222 cleanser 480222 and with COMBAT 333 reconstruction 4810333.
- Make sure that the surface is thoroughly dried and apply a layer of FUMEX 1 PRIMER Stain block water-based wall bonding agent diluted to 10-15% with water.
- Apply FUMEX 2 FINITURA as described in the application instructions.

\*(The dilution of the insulating agent 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.)

## APPLICATION INSTRUCTIONS

- The product may be applied by brush or roller.
- Nr coats: The product should be applied in a single layer.
- Dilution: 10 % with water.
- Clean tools with water immediately after use.
- Do not apply when the relative humidity in the room is >80% and support moisture level >10%, or with ambient and/or support temperatures below +5°C or above +35°C.
- Indicative covering capacity: 18-20 m<sup>2</sup>/l per coat referring to smooth surfaces with average absorbancy. The actual yield is best determined by performing a preliminary test on the specific support surface.
- For maximum effectiveness of the system, cleaning (with water or brushing) is always recommended to eliminate deposits of substances that may interfere with adherence.

## TINTING

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## STORAGE

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Maximum storage temperature: +30°C

Minimum storage temperature: +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. I: One-pack performance coatings (water-base): 140 g/l (2010)

FUMEX 1 Contains max: 140 g/l VOC

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and its subsequent changes and updates. Use the product in accordance with the hygiene and safety regulations in force; avoid litter with the containers, allow the remains to dry well and treat as special waste. Keep out of the reach of children. Use in an airy place.

For further information consult the safety data sheet.

## SPECIFICATION ITEM

Water dilutable stain-blocking odorless bonding agent.

Applications on pre-primed surfaces of a single layer of FUMEX 1 PRIMER code 4460001, with modified synthetic resin base in aqueous dispersion, in the amount necessary based on surface absorption.

Supply and application of the material € ..... per m<sup>2</sup>.

*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. For further technical information call the technical service +39 041 4569322.*