

SAN MARCO

is a brand of
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Idrofis

WATER-BASED ACRYLIC WALL FIXATIVE



CODE 4700006

IDROFIS - V.2024-09-24

DESCRIPTION

IDROFIS is a product which can be thinned with water for impregnating the surface of walls, suitable for use in painting systems mainly used on interiors. IDROFIS features high throwing power even capable of saturating the hair cracking on the surface of plastering. Thanks to the fine particles of the acrylic binder, IDROFIS SPECIALE penetrates and strengthens the wall. IDROFIS constitutes an ideal etch primer for subsequent coats of paint, insulating them from the alkaline nature typical of cement-based surfaces and similar surfaces.

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: styrene-acrylic copolymer
- Solvent: water
- Specific gravity UNI EN ISO 2811-1: $1,00 \pm 0,05$ kg/l.
- Drying (at 25 °C and 65% R.H.): touch dry in 30-40 mins.; coatability after 4 hours.

PREPARING THE SURFACE

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 indoor with TAMSTUCCO 9400006/9410110. Use adequate sealants to seal any cracks.
- Sand putty and touch-ups with sandpaper; remove dust.
- Smooth if necessary the plaster surface with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.
- Make sure the surface is completely dry and apply IDROFIS.
- After at least 4 hours, proceed with the application of the finishing product.

Concrete surfaces:

- Buff the surfaces and eliminate any coats of old paint flaking away.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333.
- Remove any structural concrete parts which are not perfectly adherent.
- The reinforced-concrete rods protruding from the surface must be thoroughly buffed and treated with BETOXAN PRIMER Passivating grout 9490125.
- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.
- Make sure the surface is completely dry and apply IDROFIS.
- After at least 4 hours, proceed with the application of the finishing product.

**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%
- Avoid applying when surface condensation is present, or in direct sunlight.
- Tools: brush, roller or spraying.
- The product is thinned at a different ratio according to the level of absorption of the surface, and in no case at less than 6 parts of water per one of fixative. The correct quantity can be estimated by observing the formation of a cloudy patina on the surface treated. Excessive quantities may form a compact layer which impairs the adhesion of subsequent coats of paint. Vice versa, too little fixative makes application difficult, with subsequently greater consumption of the product, decreased adhesion power of the finish and possible unevenness of absorption.
- Tools must be washed immediately after use with water.
- Indicative spreading rate: apply 1 litre of fixative for approx. 50-60 m2 of surface featuring average absorption. It is advisable to determine the actual consumption by performing a preliminary test on the specific surface.

TINTING

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/h: Binding primers (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

Applications, on previously prepared surfaces, of IDROFIS SPECIALE water-borne acrylic masonry fixative cod. 4700006 - with fine-particle styrene-acrylic resin base, suitable for impregnating walls - of a quantity determined by the absorption of the surface.

Supply and application of the material €. per m².