

IDROFIS

WATER-BASED ACRYLIC WALL FIXATIVE

code 4700006

DESCRIPTION

IDROFIS SPECIALE 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 SPECIALE 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 SPECIALE 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.
- Viscosity per UNI 8902: 2200 ± 80 cps a 25°C (viscosimeter Brookfield)
- 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 SPECIALE.

- 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 SPECIALE.
- After at least 4 hours, proceed with the application of the finishing product.

APPLICATION INSTRUCTIONS

- Air and support surface conditions:
Air temperature: Min. $+8^\circ\text{C}$ / Max. $+35^\circ\text{C}$
Relative environmental humidity: $<75\%$
Support surface temperature: Min. $+5^\circ\text{C}$ / Max. $+35^\circ\text{C}$
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: $+30^\circ\text{C}$
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.

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SAFETY RULES

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

Cat . H: Binding primers (water-base): 50 g/l (2007) / 30 g/l (2010)

IDROFIS SPECIALE 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 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.

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.