

ACRISYL FONDO FINITURA

ACRYLIC-SILOXANIC OUTDOOR LEVELING FILLER FINISHING ANTI-MOULD AND ANTI-ALGAE

Series 637

DESCRIPTION

ACRISYL FONDO FINITURA is a pigmented finishing product for outdoor use based on acrylic-siloxane dispersions in water and highly filling inerts.

ACRISYL FONDO FINITURA allows to get two coats of finishing with high power to mask any imperfection of the surface caused by patching or superficial inhomogeneities of previous coatings. Suitable as a smoothing finish on surfaces where previously have been removed old coatings or paints.

With a good water repellency and breathability of water vapor the finish ACRISYL FONDO FINITURA is protected by the formation of mold and algae.

INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Concrete 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.

Not applicable on macroporous plasters.

TECHNICAL SPECIFICATIONS

- Type of Binder: Acrylic copolymer modified with siloxane in aqueous dispersion
- Specific gravity per UNI EN ISO 2811-1: 1.55 ± 0.05 kg/l
- Viscosity per UNI 8902: 34000 ± 3000 cps at 25 °C (Brookfield viscometer)
- Average filler grain size: 0.35 mm
- Maximum filler grain size: 0.7 mm
- Wet-scrub resistance per UNI 10560: >10000 cycles, excellent
- Alkali resistance per UNI 10795: alkaliproof
- Liquid water permeability per UNI EN 1062-3: low, $w < 0,1$ kg/m²h^{0,5}
- Water vapour transmission rate per UNI EN ISO 7783-2: high, $S_d < 0,14$ m
- Masonry preservative in conformity with the Kuenzle theory per DIN 18550: $W < 0,5$ kg/m²h^{0,5} and $S_d < 2$ meters
- Mould and algae resistant per UNI EN 15457 and UNI EN 15458
- Drying time (at 25 °C and 65% R.H.): to touch in 1 hour; to recoat after 4 hours.

PREPARING THE SURFACE

Plaster 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 the cleanser COMBAT 222 code 4810222 (taking care to rinse well the

surface with water) and with the action agent COMBAT 333 code 4810333.

- Remove by brushing, or by washing, any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime or silicate paint

- 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.

- In the presence of support surfaces particularly grainy or slightly cohesive apply first a coat of fixative ATOMO 8840001 micronized solvent-free water-based fixative or the solvent-based pigmented wall fixative MARCOFIX 4420001.

- On dry surfaces apply 2 coats of ACRISYL FONDO FINITURA as described in the application instructions.

Concrete 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 the cleanser COMBAT 222 code 4810222 (taking care to rinse well the surface with water) and with the action agent COMBAT 333 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.

- Remove any crumbling structural cement.

- The metal reinforcement disks visible on the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.

- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/0130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.

- Make sure that the support is completely dry and apply a coat of solvent-based pigmented wall fixative MARCOFIX 4420001, or micronized solvent-free fixative ATOMO 8840001.

On not cured concrete, in the presence of mineral oils, use the solvent-based wall fixative ISOMARC 4410111.

- On dry surfaces apply ACRISYL FONDO FINITURA as described in the application instructions.

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.

- To avoid compromising the optimal appearance and performance of the product, we recommend that it be applied only in the aforementioned climate conditions, and that the surfaces be protected from rain and damp for approximately 48 hours. This will allow the product to dry completely and ensure even polymerization, which takes

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place in approximately 10 days.

- Surfaces bathed by rainwater during the approximately 10 days, could show translucent vertical lines. Such an occurrence does not compromise the product's performance, and may be removed by high-pressure water cleansing or after subsequent rainfalls.

- Application on surfaces with salt efflorescence or subject to rising damp may interfere with the product's adherence to the support. It is therefore necessary to first reconstruct the masonry using dehumidifying plasters, then paint with the NEPTUNUS siloxanic system.

- The protection of anti-mold and anti-algae finishes is of sacrificial nature: the efficacy and durability are strongly influenced by the severity of the environmental and climatic exposure, the building category, and the application system selected.

- Tools: first coat by brush, second coat by brush or roller.

- Mix the product before applying.

- Dilution: 20-30% with water.

- Nr coats: 2.

- Clean tools with water immediately after use.

- Indicative spreading rate: 5-7 sqm/l per coat on surfaces with average porosity. We recommend performing a field test on the specific support surface to determine yield.

and safety; let the residues dry out completely and treat them as special waste. Consult the safety sheet for additional information.

SPECIFICATION ITEM

Acrylic-siloxanic outdoor leveling filler finishing anti-mould and anti-algae.

Applications on pre-primed surfaces of 2 coats of ACRISYL FONDO FINITURA with acrylic-siloxanic copolymer base, in the amount necessary based on surface absorption

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.

TINTING

Colors are obtainable via the color matching system and using COLORADO series 548 colorants.

When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

For outdoor tasks it is a good rule of thumb to always use material from the same batch, from corner to corner. For tasks where it is unavoidable to continue on a wall with a different batch, do not place the batches contiguously. For the transition point, use any interruptions in the continuity of the surface: moldings, corners, cables, etc.

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/c: Coatings for exterior walls of mineral substrate (water-base): 75 g/l (2007) / 40 g/l (2010)

ACRISYL FONDO FINITURA Contains max: 40 g/l VOC

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. / Keep out of the reach of children.

Do not empty into drains. / Wear suitable protective clothing and gloves. / If swallowed, seek medical advice immediately and show container or label.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene

San Marco Group Spa - Via Alta 10 - 30020 Marcon (VE) - Tel +39 041 4569322 - www.san-marco.com - info@san-marco.it - export@san-marco.it