

ACRISYL GRIP

ACRYLIC-SILOXANIC BASE FILLER

code 9320019

DESCRIPTION

ACRISYL GRIP is a base-product apply by brush or roller, based on siloxane polymers and acrylic dispersed in water. Special additives give the product excellent breathability combined with high water repellance and excellent resistance to outdoor and atmospheric chemical agents. Its special formulation gives it excellent power to fill and mask imperfections in the support surface, restoring the "plaster effect."

ACRISYL GRIP is suitable for preparing wall surfaces of architecturally important buildings, in historic building restoration projects and for residential construction.

Unlike traditional paints with a water-dispersion base, ACRISYL GRIP creates a porous coating that adheres to both mineral surfaces and old mineral or synthetic paints, while maintaining its specific breathability.

ACRISYL GRIP provides an ideal primer for blade-applied coatings; it is also suitable for evening out the appearance of wall surfaces between areas with new plaster and those with paints, such as when dehumidifying walls using diffusion plasters.

INSTRUCTIONS FOR USE

May be applied on:

- Old paints still anchored to the support surface
- Lime-based or lime-cement plaster.
- Building plaster of cement-lime mortar or equivalent.
- Concrete surfaces.
- External Thermal Insulation Composite Systems (ETICS).
- May not be used as a primer for mineral cycles (lime and silicates).

TECHNICAL SPECIFICATIONS

- Type of Binder: Acrylic and siloxanic copolymers
- Specific gravity per UNI EN ISO 2811-1: 1.55 ±0.05 kg/l
- Viscosity per UNI 8902: 33600 cps ± 3200 cps
- Average grain size: 0,25 mm
- Liquid water permeability per UNI EN 1062-3: low, $w < 0,1 \text{ kg/m}^2\text{h}^{0,5}$
- Water vapour transmission rate per UNI EN ISO 7783-2: high, $S_d < 0,08 \text{ m}$,
- Drying (at 25°C and 65% R.H.): to the touch in 1 hour; may be painted over 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 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.
- Indoors, level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO

9400006/9410110; sand putty and touch-ups with sandpaper.

- 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.
- On dry surfaces apply ACRISYL GRIP as described in the application instructions.
- On very chalk surfaces, it's better apply before one coat of NEPTUNUS PRIMER H code 0760230 or ATOMO 8840001 micronized solvent-free fixative, and proceed with the application of ACRISYL GRIP.

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

Wall surfaces to be dehumidified:

- Remove the layer of plaster to approximately one meter beyond the area containing moisture.
- Eliminate any salt efflorescence by brushing and washing with water, preferably using a high-pressure water jet machine.
- On a dry surface, apply a layer of NEPTUNUS ANTISALE 0700240 (see the technical data sheet).
- Wait at least 24 hours, then apply NEPTUNUS INTONACO DEUMIDIFICANTE 9480170 followed by NEPTUNUS INTONACO DI FINITURA 9480180 (per the technical data sheets).
- Wait at least 20 days before applying a coat of NEPTUNUS CONSOLIDANTE 0720230 Anti-salt bonding agent.
- Should it be necessary to even the appearance of the surface, apply ACRISYL GRIP as described in the application instructions.

(The dilution of the primer 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

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- 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.
- After application, outdoor surfaces must be protected from rain and moisture until the product has dried completely, which normally (at 20°C) takes place after approximately 48 hours.
- Tools: brush or roller.
- Mix the product before applying.
- Nr coats: The product should be applied in at least 1 layer.
- Dilution: 30 - 40% with water.
- Clean tools with water immediately after use.
- Indicative spreading rate: 5-7 m²/l per coat on surfaces with average porosity. We recommend performing a field test on the specific support surface to determine yield.

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

The product is available in white.

STORAGE

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. G: primer (water-base): 50 g/l (2007) / 30 g/l (2010)
ACRISYL GRIP Contains max: 30 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 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 wall anchoring paint.
Applications on pre-primed surfaces of one coat of ACRISYL GRIP 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

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