



PUMACRIL REVESTIMIENTO SILICATO

DESCRIPTION

Covering and protective paint for vertical walls, highly breathable. Particularly suitable for restoration of façades and other mineral surfaces. Provides a matt finish to painted surfaces.

TECHNICAL CHARACTERISTICS

Liquid potassium silicate, modified with an acrylic copolymer dispersion, pigments, selected extenders, fillers and additives.

ADVANTAGES AND USES

- Excellent whiteness.
- Optimum degree of washability.
- High resistance to corrosive atmospheres and various conditions caused by acids, alkalis and UV rays.
- Perfect adherence to substrate. It also increases strength of renders due to its petrification action.
- Totally breathable film.
- Water vapour permeable, allowing the substrate to dry easily.
- High resistance to substrate alkalinity.
- Highly Alkaline covering preventing the appearance of fungus and bacteria until the carbonation process has finished.
- Non yellowing.

SUITABLE SUBSTRATES

- The substrate must be clean, dry and free from dust, grease, etc.
- New cement rendering must be fully cured.
- Whitewash covered surfaces must be cleaned before with high-pressure water.
- Treat with adequate products areas covered by fungus and algae.
- Level off any uneven surfaces. Leave to dry and sand.
- Existing paint must be completely removed by brushing the surface, sanding or scraping, if necessary.
- Apply the paint according to the instructions.

APPLICATION PROCEDURE

- Stir the paint until perfectly homogeneous.
- Only inorganic pigments should be used to colour the product.
- Remove the old covering. Apply a coat diluted 20%-30% with water
- Dilute the first coat with water (5-10%).
- Dilute the second and following coats with up to approximately 5% water.
- If plastering is necessary, a paste containing silica should be used, in order to reduce the effect of absorption differences on finishing.
- All the edges should be done in the opposite way to painting with plastic paints; first painting the flat surface and then filling in afterwards.
- Foggy or very damp atmospheres can delay the final hardening of this material.
- Some skill is necessary to apply this product successfully.
- Surfaces must be protected from rain while the material is being applied or while it is hardening.
- After the drying time, apply 2-3 coats of undiluted PUMACRIL AL SILICATO.

NECESSARY TOOLS

- The product can be applied with a brush, roller or spray gun

PAINTS

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RECOMMENDATIONS

- Tools should be cleaned with water before the paint dries.
- Do not apply at temperatures below 5° C
- Do not apply with relative humidity higher than 85%, nor to wet substrates.
- Store in a cool dry place.
- It is advisable to use the appropriate personal protection equipment due to the high alkaline content.
- High alkaline product. It is recommendable to wear gloves and protective goggles. In case of product coming into contact with eyes, wash them with plenty of fresh water.
- Protect aluminium and wood frames, etc.
- Product should not be used on horizontal or sloping surfaces such as water drainage systems or ledges.
- Permanent exposure to rain will shorten the life of this covering.

PACKAGING AND STORAGE

15 litre packs.
Shelf life: 1 year in sealed original packaging, sheltered from weather conditions and humidity.

TECHNICAL DATA

Solvent	Water
Fixed matter (weight)	53%+/- 1
Specific weight	1.43 kg/L +/-0.03
Viscosity (22°C)	90 dPas +/- 10
pH	11.5
Theoretical consumption	4-6 m ² /kg
Drying time	To the touch 1 hour
Repainting interval	8 hours, according to ambient temperature and humidity
Minimum curing	4 weeks
Colour	Range of Colors

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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