

Acrylan Silicon

Silicon acrylic paint



Acrylan Silicon is a silicon acrylic product for exterior use, which offers excellent water vapour permeability, low water absorption, long life and at the same time durable and elegant decoration.

Unlike other products, in addition to excellent resistance to UV-radiation and weathering, enables the moisture that is trapped inside the wall to escape easily in the atmosphere which in combination with the high surface waterproofing prevents problems such as blisters, cracking, peeling and formation of mold on the surface of the building. It applies to all new or old surfaces such as plaster, concrete or surfaces leveled with putty after appropriate preparation. These properties make Acrylan Silicon ideal for areas with high humidity and extreme weather conditions as well as for the restoration of listed buildings, actively contributing to maintaining the longevity of the building. It is recoatable with any acrylic paint of VITEX.

- **Excellent resistance to UV-radiation and weathering**
- **Maximum Liquid water permeability (Class III)**
- **Maximum Water vapor permeability (Class I)**
- **Long-time protection**
- **Facilitates trapped moisture to escape**

COLOURS

Available in white and an unlimited number shades through Vitex's Colorfull Tinting System.

PACKAGING

White	3 L	10 L
Bases	3 L	10 L

SPREADING RATE

13 - 15 m²/L per coat on properly prepared surfaces.

VOC (Volatile Organic Compounds) CONTENT

EU maximum VOC content limit values (Directive 2004/42/CE) for this product (category **A/c** "Exterior walls of mineral substrate", Type **WB**): **40 g/L**. This product contains maximum **20 g/L** VOCs (ready for use product).

SURFACE PREPARATION

Surfaces should be smooth, clean and dry, free from grease, dust, loose or flaking paint.

To fill any cracks or holes use Acrylic Putty.

New surfaces made of plaster, concrete, cement, plasterboard, etc. should be first primed with Acrylan Unco Eco.

APPLICATION

Stir well before use. Apply two coats by roller, brush or airless spray gun diluted up to 10% with water. Do not apply at temperature below 5°C, above 35°C and / or relative humidity above 70%. Avoid application when rain or frost is expected in the next 48 hours.

It is touch-dry after 30-60 minutes and can be recoated after 3-4 hours. Drying time depends on weather conditions (humidity and temperature).

Allow at least 3 weeks before cleaning and washing newly painted surfaces with Acrylan Silicon. Wash gently with water using a soft sponge. In case of bad stains, use a mild colourless detergent or soapy water. Tools must be cleaned immediately after use with water and if needed with soapy water or a detergent.

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TECHNICAL CHARACTERISTICS

Viscosity	110 ± 10 KU (ASTM D 562, 25° C)
Density	1,51 ± 0,02 Kg/L (ISO 2811) for white
Gloss	< 5 units @ 60° (ISO 2813)
Water vapor permeability S _d	class I - highest classification (DIN EN ISO 7783-2)
Liquid water permeability W ₂₄	class III - highest classification (DIN EN 1062-3)

STORAGE

Containers must be kept closed in a cool, dry, well ventilated area protected from direct sunlight at temperatures between 5°C - 38°C.

SAFETY ADVICE

Read label before use. For further instructions - precautions see Material Safety Data Sheet.

