ACRYLAN SILICON

Silicone Acrylic Paint

Acrylan Silicon is a silicone 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 more 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 levelled with putty after appropriate preparation. These features 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 and value of the building.
Acrylan Silicon is a certified from the University of Athens, department of Physics as a cool paint characterized by high solar reflectance value (SR), high infrared emittance (ε) and high reflectance index value (SRI).



Cool paint

Advantages:

- Maximum waterproofing and water permeability
- Ideal for areas with increased humidity and pollutants
- Long life, without blisters, cracks, peelings and mold formation
- Certified cold color.
- Specially enhanced HD shades for maximum durability

PRODUCT FEATURES

TECHNICAL CHARACTERISTICS

Viscosity
110 ± 10 KU (ASTM D 562, 25°C)

Density
1,50 ± 0,02 Kg / L (ISO 2811) for white

Gloss
< 5 units @ 60° (ISO 2813)

FINISH

Mat	Satin	Gloss
✔	Mat Finish	

COLOURS

3000 +

White and unlimited number of shades through **Vitex Coloring System**

COVERAGE

One coat
13-15 m²/L

Two coats
7-8 m²/L

DILUTION

Water
0-10%

DRYING TIME

Touch dry
30-60 min

Recoat
4-5 h

PACKAGING

White	3 L	10 L
Bases	3 L	10 L



APPLICATION

APPLICATION FIELD

For all new or old surfaces such as plaster, concrete or spatula surfaces, after proper preparation.

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, stucco, rendering, plaster-board or surfaces previously covered with water paints or distempers (e.g. lime wash or ceiling white) should be primed with Acrylan Unco Eco ensuring maximum water vapour permeability.

STEPS

1. Dilute up to 10% with water and stir well before use.
2. Apply the first coat by brush, roller or airless spray gun.
3. Recoat after 4-5 hours.

TIPS

- Application at 5-35°C and <70% RH. Don't apply if there is a risk of rain/ frost in the next 48 hours.
- Allow new plaster or concrete surfaces to cure a minimum of 30 days prior to paint application.
- The product must be exclusively tinted through **Vitex Coloring System** in the recommended base.
- 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 tough 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 detergent.
- Minimize paint wastage by estimating how much paint you will need.
- Recover unused paint for re-use. After paint application, seal the container and store it for future use.
- Do not dispose of liquid waste into ground water table. Unused paint requires special handling for safe disposal.

ADDITIONAL INFORMATION

VOCs (Volatile Organic Compounds)



"Exterior walls of mineral substrate". VOC content limit **40 g/L**. Maximum VOC content **20 g/L** VOCs (ready for use product).

PRECAUTIONS



Please read carefully the labelling mentioned on the can before use. For detailed instructions on hazards and safety in use the Safety Data Sheet is available upon request. Poisons Control Centre Tel. : +30 210 7793 777

STORAGE



5°C-38°C
Keep containers closed in a cool and dry area.

The above technical data, information and instructions are based on our long experience and laboratory tests and are intended only to describe the product and determine its application. However, the end user should check the suitability of the product for its intended use. Our company guarantees the quality of the product itself, and in any case bears no responsibility for any damage or damage caused if the product is not used properly and in accordance with its instructions for use. The company has the right to revise this technical data sheet without any prior notice.

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TECHNICAL SUPPORT

ISO 9001 14001 CERTIFIED 45001
EMAS