

# Acrylan MAX

## Ultra Durable Nano-Acrylic Paint



Ultra-durable mat innovative NANO Acrylic paint for exterior masonry surfaces based on TRIBRID NANO Technology (Silica - Acrylic - Silicone). It offers superior performance, long lasting durability as well brighter colours which are looking fresher and will not fade, ensuring that the building continues to look beautiful over time. Its unique Dirt Pick Up resistance and anti soiling tendency fights out inorganic, organic and biological pollutants (e.g. fungi, algae) and thereby retains the initial beauty. Due to its strong inorganic character the painted surfaced dries fast after rainfall and provides a high water vapour permeable coating. Suitable for the painting and renovation of masonry and cement substrates, old silicate and silicone coatings, ETICS etc. where the adhesion is excellent when the proper primer is used.

Acrylan MAX based on tri-hybrid nanotechnology combines all the advantages of silicate, acrylic and silicone paints, offering very high added value to the buildings due to lower renovation cost and longer lifetime as well as very low environmental impact.

Acrylan MAX 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 ( $\epsilon$ ) and high reflectance index value (SRI).

Acrylan MAX offers:

- ✓ long lasting durability
- ✓ colour stability of shades
- ✓ dirt pick up resistance and anti-soiling tendency of the facades
- ✓ water vapour permeability and water resistance in areas of high humidity
- ✓ adhesion
- ✓ resistance to alkali, efflorescence and snail trail resistance

**MAXIMUM**

and

**MINIMUM**

- ✓ maintenance costs over time (longer maintenance cycle)
- ✓ environmental footprint



### COLOURS

Available in white and an unlimited number shades through Vitex Coloring System.

### PACKAGING

White	750 mL	3 L	10 L
Bases	1L	3 L	10 L

### COVERAGE

15 – 17 m<sup>2</sup>/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 **9 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. Surfaces previously covered with water paints or distempers (lime wash or ceiling white) should be primed with Acrylan Unco Eco, Durovit or Vitosin, while old silicate and silicone substrates should be primed before with Acrylan MAX diluted 20% with water.

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

For darker shades it is recommended to apply one coat of PreColor Primer first, depending on the final shade and based on the color space of the top coat color.

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### APPLICATION

Stir well before use. Apply two coats by roller, brush or airless spray gun diluted 8-10% 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.

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.

### TECHNICAL CHARACTERISTICS

Viscosity	110 ± 5 KU (ASTM D 562, 25°C)
Density	1,28 ± 0,02 Kg/L (ISO 2811) for the white
Gloss	< 5 units at 60° (ISO 2813)

### 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.

