

6/12/2010/DP

Akrylit 3000 Siloxan silicone acrylic paint

Scope of use	Silicone acrylic paint designed for facade painting. Particularly recommended for protection of reinforced concrete structures, as well as restoration of thermal insulation systems. The product can be used for painting walls indoors.
Main product advantages	<ul style="list-style-type: none"> - high resistance to weather effects (UV radiation, humidity) - resistant to rubbing - high hydrophobicity - excellent coating properties - excellent adhesiveness to various construction substrates - resistant to microorganisms - perfectly protects concrete against corrosion
Colour	White and colours available in the Color PRO computer colouring system.
Coating appearance	Matt
Technical parameters	

Criterion	Standard/Guidelines	Value
Brookfield viscosity 20±2°C, [mPas]	PN-ISO 2555	4000–9000
Density 20±0.5°C, [g/cm ³]	PN-EN ISO 2811-1	max. 1.500
Drying time of the coating at 23±2°C, [h]	PN-C-81519	2
Application of the second coating, [h]		after 4 h
Solids content, minimum, [weight %]	PN-EN ISO 3251	55.0
pH value	PN-C-04963	8.0–8.7
Whiteness [%], min. (applies to white product)	CIE	78
Abrasion resistance	PN-EN 13300	Class 1
Gloss	PN-EN 1062-1	Matt (G ₃)
Dry coat thickness [µm]	PN-EN 1062-1	>50 ≤ 100 (E ₂)
Recommended wet coat thickness with one coat [µm]	PN-EN ISO 2808	110

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For more details and up-to-date documentation call the toll-free hotline: 800 11 33 11
www.profesjonalnefarby.pl

The information contained herein is based on our best technical knowledge and meets the state of the art on the day of issue. The company reserves the right to introduce changes without notice. PPG Deco Polska Sp. z o.o. is in no position to control the product application.

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Grain size [μm]	PN-EN 1062-1	< 100 Small (S ₁)
Water vapour permeability factor	EN ISO 7783-2	S _d \geq 0.14 [m] S _d < 1.4 [m] Moderate, Class 2 (V ₂) \leq 150 [g/(m ² ·d)] > 15 [g/(m ² ·d)] Moderate, Class 2 (V ₂)
Water permeability [kg/(m ² ·h ⁰⁵)]	EN 1062-3	0.05 Low, Class 3 (W ₃)
Carbon dioxide permeability S _d [m]	EN 1062-6	> 200 (C ₁)
Carbon dioxide permeability [g/(m ² ·d)]	EN 1062-6	< 5 (C ₁)
Classification	PN-EN 1062-1	G₃, E₂, S₁, V₂, W₃, A₀, C₁

VOC limit according to Directive 2004/42/EC (cat. A/c/FW): 40 g/l (2010). Maximum VOC content in the product: 30 g/l.

Use by date

24 months from the production date

Painting Method

Brush, roller, or spray-gun

Recommended tools

Polyamide paint roller with foam flocking, Owcza Welna Extra paint roller, DEKORAL GOLD Owcza Welna paint roller

Spray painting:

Device	Pressure min. [BAR]	Optimum nozzle	Filter [MESH]	Recommended dilution	Other comments
Graco St Max 495 and larger	170 150	213 517 621	100 60	-	A 621 nozzle requires at least Ultra Max 695
Graco Ultra Max 695 with Overspray	80-120	321 415	60	-	Dust-free system - requires spreading the paint
					using a roller
Wagner Titan 440i	200	515 517	100	5%-10%	Thinning is required for this device
Wagner PS 22	150	517	100	-	-

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Performance	Up to 9 m ² /l with one coating, depending on the substrate absorption capacity and roughness.
Recommended number of coatings	2
Surface preparation	<p>The substrate must be strong, free of scratches or cracks, degreased, clean, dry and free of any biological and chemical blooms (salt or corrosion). Remove all old, poorly bounded, or flaking paint coats, until the proper surface is uncovered.</p> <p>Degrease the surfaces coated with emulsion paints by washing them with water with detergents.</p> <p>Indoor walls:</p> <ul style="list-style-type: none"> - prime new plaster and substrates easily absorbing water (gypsum plasters, drywalls, previously unpainted substrates) with the Akrylit 3000 Grunt Koncentrat sealer by Dekoral Professional. - Podkład Uniwersalny sealer by Dekoral Professional should be used to level absorbing capacity and shades of the surface. <p>Façades:</p> <p>fresh plaster and substrates with high water absorbing capacity (surfaces never painted before) or surfaces with unequal absorbing capacity should be primed with Akrogrunt 3000 sealer (solvent based), Akrylit 3000 Grunt Koncentrat (water based) or Podkład Uniwersalny by Dekoral Professional.</p> <p>Painted surface should be cured.</p>

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Application	<p>Stir the product thoroughly before use. If needed, thin the product with max. 5% vol. water. Recommended number of coatings is 2. Recoat after previous coat is dry.</p> <p>Clean the tools with water after work.</p> <p>Paint new cement-lime plasters after 4 weeks since their application. Painting should be done at air and surface temperature of +5 to +25°C and air humidity below 70%. When working with colours with low covering power use a primer specified in the colouring system. Colours indicated in the colouring system as not recommended for outdoor use should not be used on façades. To produce dilutions, coloured products must only be mixed with the LN Akrylit 3000 Siloxan base. This product is waterborne and is not resistant to freezing. Store it at the temperature above 0°C, in a dry and cool room.</p>
Further details	<p>The white product is not intended for use in the computer-assisted colour mixing system.</p> <p>In case of some colours available in the computer colouring system the particular lots of the product may display slight differences in shade after colouring. In order to avoid colour differences complete the work on a given surface of a whole architectural unit in one work cycle using products from the same lot. If products from different lots are used, it is recommended to mix them first in order to obtain a uniform shade. Any corrections should be made using the wet on wet method.</p> <p>Check the colour in all containers against the order before using this product.</p>
Polish Classification of Goods and Services	20.30.11.0
Standards and approvals	<p>The product has Polish Institute of Hygiene approval (designed for indoors and outdoors use).</p> <p>Compliant with PN-C-81913</p> <p>PN-EN 13300</p> <p>PN-EN 1062-1</p>
OHS and Fire Precautions	<p>Follow the instructions on the container.</p> <p>For detailed information see the Material Safety Data Sheet available at .</p> <p>www.dekoralfarby.pl</p>
Available containers	10 l, white; 10 l base LN, DN, ZN

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