

AmphiNeo

Acrylic paint for outdoor use. Great whiteness and all-weather protection & durability.



Product Description	
Field of Application	AmphiNeo is a high quality matt 100% acrylic paint for outdoor use. It has excellent resistance to adverse weather conditions and sunlight, protecting the surface and keeping it unchanged over time. It is applied to any kind of new or old surface such as plaster, concrete, etc. It is characterized by ease of application, high coverage and strong adhesion. Offers breathable surface with strong resistance to alkalis.
Properties	<ul style="list-style-type: none"> ■ Breathability ■ High consumption ■ Excellent whiteness and coverage ■ Increased resistance to adverse weather conditions ■ Specially enhanced shades for maximum durability
Material Base / Vehicle	100% pure acrylic
Packaging/Package	<ul style="list-style-type: none"> ■ White: 0.7L, 2.5L, 10L ■ Base 1: 0.7L, 2.5L, 10L ■ Base 3: 0.7L, 2.5L, 10L
Colours	<p>White.</p> <p>AmphiNeo can be tinted in all current color collections via the ColorExpress coloring & mixing machine system. If more than one container has been manually stained, then all containers should be homogenized and stirred to avoid possible color differences. In order to avoid color differences, check the shade before application and use products from the same batch. Intense and bright colors may have low coverage. It is recommended to apply a first coverage layer of a close shade. An additional coat of finish may be required.</p>
Gloss Level	Matt
Storage	In a cool place. Protect the product from frost and direct exposure to sunlight.
Technical Data	<p>Characteristics according to DIN EN 13 300: Due to tinting, deviations in the technical characteristics are possible.</p> <ul style="list-style-type: none"> ■ Consumption: 12-14m²/L ■ Coverage: Class-2 ■ Maximum particle size: Fine(<100µm) ■ Specific gravity: 1,41 – 1.47 g/cm³ (white) ■ Drying time: 1 ½ hours at 25°C , RH=60%

Suitability according to
Technical Information No. 606
Definition of Application Areas

Interior 1	Interior 2	Interior 3	Exterior 1	Exterior 2
-	-	-	+	+
(-) inapplicable / (o) of limited suitability / (+) suitable				



Technical Information No.01

Application

Suitable Substrates	The substrate must be sound/stable, dry, clean, and free from all substances that may prevent good adhesion. Follow VOB, part C, DIN 18363, section 3.
Substrate Preparation	<p>Finishing plasters according to DIN EN 998-1 class CS II, 1,5-5,0N / mm² New plasters can be coated after a sufficient waiting period, usually after 2 weeks at 20 ° C and a relative humidity of 65%. In adverse weather conditions eg. winds or rain, longer waiting times must be observed. Prime with Capagrund Universal and then apply the paint.</p> <p>Old plasters: Any repairs must be stable and dry. Prime with Optisilan Tiefgrund in absorbent solid plasters. Powdered, unstable plasters are primed with Tiefgrund TB.</p> <p>New silicate finish coatings: Coated with silicate products of the Sylitol series</p> <p>Old mineral paints and coatings: Clean the fixed coatings mechanically or by water jet, according to the regulations. Remove unstable coatings mechanically, by scraping. Remove dust and then prime with Tiefgrund TB primer.</p> <p>Resin plasters or silicone decorative plasters: Clean old plasters properly. In case of wet cleaning, allow the surface to dry well before priming. Prime with Capagrund Universal or Tiefgrund TB.</p> <p>Old coatings with the following properties:</p> <p>Moderately and slightly absorbent: Prime with Capagrund Universal diluted 3% with water. Highly absorbent: Prime with Optisilan Tiefgrund or Tiefgrund TB.</p> <p>Old coatings on ETICS: Absorbent, stable, capillary: Prime with Tiefgrund TB</p> <p>Chalk or powder: They are first primed with Tiefgrund TB.</p> <p>Glossy and water repellent surfaces: They are mechanically rubbed. They are then primed with Capagrund universal.</p> <p>Unstable paints and plasters: Remove them completely in the proper way eg rubbing, scraping, brushing etc. and then clean with pressurized water according to regulations or other regulations. In case of wet cleaning, allow the surface to dry well. Prime porous absorbent surfaces with Tiefgrund TB.</p> <p>Masonry with exposed bricks: The masonry must be dry, without salts and the joints without cracks. Use primer Tiefgrund TB.</p> <p>Adobe / sand brick masonry: Brush the surface of the salts. Use primer with Optisilan Tiefgrund.</p> <p>Masonry infected with fungi and algae: Coating with a special coating with antifungal action.</p> <p>Surfaces with salts (efflorescence): Remove the salts with a dry brush. Then prime with Tiefgrund TB. After the application of the final coating, no guarantee can be given for the correct adhesion or the complete solution of the problem. Even after the most thorough treatment the efflorescence can reappear.</p> <p>Defects: Repair small defects with Caparol Fassaden-Feinspachtel, deeper damage up to 20 mm preferably and prepare the repaired areas afterwards.</p>
Method of Application	Apply with a brush, roller or airless spray. Observe the protection measures when using the airless spray.
Surface Coating System	First coat: AmphiNeo maximum dilution 10% vol. with clean water. Final coat: AmphiNeo maximum dilution 5% vol. with clean water.

Consumption	Approximately 80 - 100 ml / ml per layer on a uniform substrate. Consumption increases on rough surfaces. The exact consumption is determined by a test layer in the project.
Application Conditions	Lower temperature limit for application and drying: +5 ° C for product, substrate and ambient air.
Drying/Drying Time	At +20 ° C and relative humidity 65% surface dry and repainted after 4-6 hours. Completely dry and ready for stress after about 7 days. Lower temperatures and higher humidity extend the drying time.
Cleaning equipment	Immediately after use with water. Clean tools / equipment with clean water immediately after use. Caution: Observe the regulations for the disposal of liquid waste.
Note	The product should not be applied in direct sunlight or on substrates heated by the sun, during strong winds, fog or rain, high relative humidity or impending rain or frost, etc. Apply liquid to liquid and without interruption to avoid accumulation and any failure. Do not apply on horizontal surfaces exposed to rain or moisture. There is an increased risk of fungus growing on exterior surfaces that are exposed to more moisture than usual. In the case of dark shades, mechanical stress can lead to noticeable stripes with light tones. Scars from surface repairs depend on many factors and are therefore unavoidable.
Hazard warnings / Precautionary statements (Status as at Date of Publication)	May cause an allergic skin reaction. If you need medical advice, bring the container or the product label with you. Keep out of reach of children. Wear protective gloves / eye protection. IN CASE OF SKIN CONTACT: Wash with plenty of soap and water. Avoid release to the environment. Warning! Dangerous breathable droplets may form during spraying. Do not breathe spray or fog. Contains 1,2-benzisothiazol-3 (2H) -one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazole -3-one (3:1)
Disposal	Materials and all relevant packaging must be disposed of safely in accordance with the full requirements of the local authorities. Observe the relevant national regulations
EU limit value for the VOC content	The VOC concentration of the product is < 40 g/L. The maximum VOC content according to Directive 2004/42 / EC is 40 g/L (2010). (Category: A, Subcategory: c - Exterior walls of mineral substrates, Type: "WB").
Product Code Paints Substances of Content – Declaration	Dispersion of acrylic resin (emulsion), titanium dioxide, calcium carbonate, silicates, water, film-forming agent, additives, preservatives, solvents.
Technical Assistance	Not all substrates present in practice and their technical processing can be addressed in this post. If substrates not covered by this technical information are to be treated, it is essential that you consult with us or our sales representatives. We are happy to advise you in detail and on a building-related basis.
Customer Service Centre	+ 30 210 8218502 E-mail: info@noventa.gr

Technical information No.01: August 2022

All suggestions and implementation instructions are based on our latest technical experience. Due to the wide variety of individual project conditions, we can not be held responsible for their content. These instructions do not relieve the buyer / implementer of his responsibility to determine the suitability of the product taking into account the characteristics of the project. These instructions should be considered invalid when a new version is released. The general terms of sale and delivery in their latest version apply.