

NEUCEGOLD NG | 100 % Acrylic Water-Based Paint



High quality 100 % acrylic water-based paint, with a smooth finish, developed for decorating and protecting facades. Highly durable paint, with great weather resistance and to the development of fungi and algae.

It has excellent water resistance, excellent coverage and it is easy to clean. Allows to be coloured in a wide range of colours, from soft tones to strong colours in the BIG MIX system

PROPERTIES:

High weather resistance
Good resistance to alkalinity
Film with high resistance to the growth of fungi and algae
Excellent colour retention
Excellent coverage and whiteness
Excellent applicability and finish

TECHNICAL CHARACTERISTICS:

Density (ISO 2811-1)	1,34 ± 0,03 g/ml (for white colour)
Solid content by weight (ISO 3251)	54 ± 2 % (for white colour)
Viscosity	105 ± 5 Ku (25 °C)
Colour	White and others
Finishing	Matt
Surface drying	± 30 minutes
Repainting	3 to 4 hours
Inflammability	Non flammable
VOC (volatile organic compounds) EU limit value for this product (Cat. A/c): 40 g/l ^{a)}	This product contains a maximum of 15.2 g/l VOC

CERTIFICATIONS AND TESTS:

European technical assessment (ETA)	
NEUCETHERM	ETA 17/0825
NEUCETHERM EPS NEUCETHERM CORK	ETA 20/0061
CE marking	
External Thermal Insulation Composite Systems (ETICS) / Kits with rendering	System 2+
Acrylic coating for moisture control	System 4

Classification according to EN 1062-1 Paints and painting systems to be applied on exterior masonry and concrete & **NP4505** – Paints and varnishes - Paints for exterior building surfaces – Classification and specification (2012)

Specular gloss (EN ISO 2813)	Class G3 – Matte ($\leq 10^\circ$ angle at 85°)
Water vapour permeability (EN ISO 7783)	Class V2 - Medium ($0.14 \text{ m} \leq s_d \leq 1.4 \text{ m}$)
Liquid water permeability (EN 1062-3)	Class W3 – Low ($W \leq 0.1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$)
Resistance to alkalis from hydraulic binders	No remarks
Resistance to artificial accelerated ageing (NP EN ISO 11341)	Very slight yellowing

CE Marking according to EN 1504-2:2004 – Products and systems for the protection and repair of concrete structures. Part 2: Surface protection systems for concrete

Water vapour permeability (ISO 7783-1/-2)	Class I: Permeable to water vapour
Liquid water permeability (EN 1062-3)	$W \leq 0.1 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$
Adhesion by Pull-Off Test (EN 1542)	$\geq 1 \text{ N/mm}^2$
Effectiveness of film preservatives against algal growth (NP EN 15458:2016)	Grade 0 (35 days)
Effectiveness of film preservatives against fungal growth (NP EN 15457:2018)	Grade 0 (21 days)

Solar reflectance index

Emissivity (EN 15976:2011)	0.89 (89 %) ^{a)}
Total solar reflectance (TSR) (ASTM E903)	88 % ^{a)}
Total solar absorption (ASTM E903)	12 % ^{a)}
Solar reflectance index – SRI (ASTM E1980-11)	110 % ^{a)}

a) In white color

RECOMMENDED USE:

It is used for painting exterior walls whenever a matte finish is required, in the most varied types of plasters, sanded or smooth, concrete, cement, brick, plastered and tinned walls.

SURFACE PREPARATION:

New surfaces: Must be dry, firm, free of grease, dust, and other contaminants.

Repainting: The wall should be well brushed in order to remove remains of old paint or exfoliating. On exterior walls, this process can be facilitated by using jets of water under pressure. Ensure the walls are completely dry before applying the paint.

Fungi and Algae: If fungus or algae develop, the surface must be treated with the disinfectant solution **Solução Desinfestante** (FT 10.03).

Damaged Structures (<1 mm): Fragile or slightly damaged surfaces (less than 1 mm), especially on exterior walls, should be treated with one coat of **Imperneuce** (FT 24.01).

SURFACE INSULATION:

To ensure proper preparation and a better finish, we recommend the following primers:

- One coat of **Hydroneuce Primer – Acrylic Hydro Primer** (FT 01.02)
- One coat of **Multineuce – Acrylic Multi-Substrate Primer** (FT 01.01)

APPLICATION:

Stir the product well until fully homogeneous. Application is carried out with a brush, anti-drip roller or airless spray gun, in 2 to 3 suitably diluted coats. When applying with an airless spray gun, it is recommended to use nozzles between 0.38 and 0.43 mm.

DILUTION:	1 st Coat.....10 % Others5 %
COVERAGE:	Variable depending on the type of support and application conditions. On smooth substrates: on average and per coat 10 to 14 m ² /l. About ETICS: on average and per coat 4 to 6 m ² /l.
CLEAN-UP:	With water, immediately after application.
RECOMENDATIONS:	Do not apply on surfaces that are very hot due to sun exposure or when rain or condensation is expected. Application temperature: between 5 °C and 35 °C, with relative humidity below 80 %. Surface temperature should be 2 to 3 °C above the dew point.
PRECAUTIONS:	This product is not irritating and does not present a risk of causing sensitization by skin contact. Despite not presenting health risks, it is advisable to keep out of the reach of children. For more information, consult the Product Safety Data Sheet (SDS) is essential.
STORAGE AND PACKAGING:	The packaging must be kept properly closed, in ambient conditions of mild temperature and humidity, and the product must be spent in chronological order of supply. Use it, preferably, up to 2 years after the date of manufacture, and it can be used after that date, if there is an easy homogenization of the product. It is supplied in of 1-, 5- and 15-liters buckets.

Note a): The VOC value referred refers to the ready-to-use product, according to the technical characteristics recommended by us. NEUCE is not responsible for other mixtures made to the product. We draw special attention to any agent along the supply chain for the responsibility they incur for not respecting what Directive 2004/42/EC determines.