

GRANIKOT REFRESH

Nano-Acrylic Paint for Renewing External Thermal Insulation Surfaces

Ultra-durable mat innovative NANO Acrylic paint based on TRIBRID NANO Technology (Silica - Acrylic - Silicone) for renewal of external thermal insulation surfaces. It does not affect the texture of the plaster, as it does not fill the gaps between the granules. It offers high vapor permeability, quick evaporation of moisture from the surface, very low water absorption, well brighter colours which are looking fresher due to its unique Dirt Pick Up resistance and anti-soiling tendency fights out inorganic, organic and biological pollutants. Due to its strong inorganic character the painted surface dries fast after rainfall and provides breathability. It prevents the growth of fungi (such as mold, etc.) and algae in the paint film according to EN 15457 and EN 15458 standards. It has excellent

adhesion, very good workability and levelling. Delays in application due to extreme weather conditions are avoided and the painting season is extended. Granikot Refresh offers very high added value to the building due to lower renovation cost and longer lifetime as well as very low carbon footprint in its life cycle. It is certified according to the EN 1504-2 standard as a coating for surface protection of concrete. Granikot Refresh is a certified as a cool paint characterized by high solar reflectance value (SR), high infrared emittance (ϵ) and high reflectance index value (SRI).



Cool paint



Anti-fungi paint



Anti-algae paint

Advantages:

- Adaptation to the risk of extreme weather phenomena
- Extension of the painting season
- Strength and adhesion
- Resistance to rain and air pollutants
- Shades stability
- Surface breathing
- Certified coating for surface protection of concrete
- Certified cool paint
- Low carbon footprint in the life cycle

PRODUCT FEATURES

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Viscosity

105 ± 5 KU (ASTM D 562, 25°C)



Density

1,33 ± 0,02 Kg / L (ISO 2811) for the white

Gloss

< 5 units @ 60° (ISO 2813)

COVERAGE



One coat

13-17 m²/L

Two coats

7-9 m²/L

PACKAGING

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

FINISH

Mat	Satin	Gloss
✓		

Mat Finish

DILUTION



Water

Up to 10 %

DRYING TIME

Touch dry

30-45 min



Recoat

1-2 h

* Drying time is affected by weather conditions (temperature, humidity and wind).

COLOURS

4500+

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



CE MARKING

CE	
24	
VITEX A.E. Imeros Topos 139 19 300 Aspropyrgos GRANIKOT Refresh DoP No : VIT- CPR-0054	
EN 1504-2 Surface protection systems for concrete - Coating • Moisture Control (2.2) • Increasing resistivity (8.2)	
Capillary absorption and permeability to water	w < 0,1 kg/m ² ·h ^{0,5}
Water vapor permeability	Class I: S _p < 5m
Adhesion strength by pull off test	≥1,0 N/mm ²

FANDECK – COLOR CARDS



EXTERIOR USE

APPLICATION

APPLICATION FIELD

For renewing External Thermal Insulation Surfaces (ETICS) with proper preparation.

PREPARATION



Surfaces should be clean and dry, free from grease, dust, mold, salts, loose or flaking paint. Best results are ensured by using a washing machine. Granikot Refresh is applied directly to clean and in good condition organic plaster surfaces (e.g. Granikot Acrylic, Granikot Silicone).



On external thermal insulation systems that have been **repaired** and after washing mold **and dirt remain**, apply GRANIKOT PRIMER diluted 10-15% v/v.



Cement plasters must be primed with Acrylan Unco Eco.



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 after 1-2 hours.

TIPS

- Apply even when air, surface and material temperature ranges from **5°C to 45°C** for 50% RH. Maximum application relative humidity 80%.
- The use of Granikot Refresh significantly **reduces** the drying and recoat time. Touch dry is 30-45 minutes and recoat time 1-2 h at 25°C and 50% relative humidity. Drying and recoat times are temperature, humidity, wind and film thickness dependent.
- The application of the paint can be completed

30-60 minutes **before the appearance of rain or dew** depending on the shade (from 5°C and above and relative humidity 50-70%). Cooler temperatures and higher humidity level can increase the rain readiness time.

- Allow at least 3 weeks before cleaning and washing newly painted surfaces with Granikot Refresh 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 **15 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

