

DATA SHEET



WATERPROOFING WITH GRAPHENE OXIDE

WATER-BASED
GRAPHENE COATING



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EVERGEIA[®]



Description

Acrylic waterproofing with graphene oxide, aqueous base of excellent performance for concrete surfaces. Ideal for those problems of filtration, humidity and leaks, on surfaces properly prepared.

Advantages

- Great durability.
- Greater adherence to surfaces.
- Excellent resistance to weathering and ultraviolet rays.
- High performance.
- Does not contain lead or mercury.

Application

- Ideal for waterproofing flat or inclined concrete slabs in buildings, residences, shops, hotels, etc.
- The life time may vary, depending on environmental conditions, correct application, and slab conditions.

Colors

- White
- Terracotta

Drying time

Touch _____ 1 hour
To coat _____ 4 hours

Performance

Depending on the finish of the surface and the thickness of the applied film, on new porous surfaces the yield is from 1 to 1.5 liters per m² in two coats. For maintenance on already waterproofed surfaces the yield is 1 liter per m². The thickness of the formed film is 4.5 mm. For best results place reinforcement membrane.



Physical properties

COLOR	% Solids	d (K/L)	μ (cps)	pH
WHITE	57.0 - 61.0	1.250 - 1.290	10000 -20000	8.5 - 11.0
TERRACOTTA	57.0 - 61.0	1.250 - 1.300	10000 -20000	8.5 - 11.0

Container size

- 4L and 19 L
- Semi-matte finish

Surface Preparation

Before applying, the surface must be clean and dry, free of dust, grease, oil, rust, as well as any other contaminant. Old waterproofing paint should be completely removed if possible, or else sanded down.

Product Application

Surface preparation: Repair cracks or fissures in the surface with acrylic sealant.

Product preparation: It can be applied with a bristle or ixa brush, brush or roller. It is recommended to apply at least two coats of waterproofing.

Sealing: On new surfaces you must dilute 3 parts of water for one of waterproofing to seal the surface and then apply a first and second coat undiluted.

First coat: After sealing, apply undiluted first coat, apply 1 liter to 2 m2 in one direction.

Second coat: Apply similar to the first coat, but in a crosswise direction, preferably allowing it to dry for 24 hours between coats.

Cleaning. Wash brush or roller or any utensil and/or equipment used during application using clean water.



Storage: In case the product is not finished, store in a protected, cool and dry place, avoiding extreme temperatures.

Recommendations

- Do not leave the container open during its application.
- Store in a cool, dry, covered place, avoid extreme temperatures.
- Apply in spaces with adequate ventilation.

Warnings

- If swallowed, do not induce vomiting, seek immediate medical attention.
- Keep out of reach of minors.
- Do not smoke or eat food during its application.
- Avoid direct contact.
- Apply in spaces with adequate ventilation.
- Close the container well after each use.



CAUTION HARMFUL IF SWALLOWED

Safety Precautions

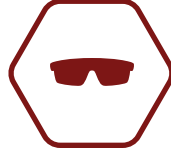
- When applying wear safety glasses, gloves and apron.
- The standards and regulations in force in the place of application on Hygiene, Safety and Environment must be complied with.
- In case of doubt about the application of this product, consult Energeia Fusion Technical Service.



COSTUME
PROTECTIVE



GLOVES



GLASSES



FACE MASK

Storage

Store in a cool and dry place, away from fire, avoid storing outdoors.
It expires after 6 months from the date indicated on the container, as long as it remains closed.

Waste management and environmental impact

Waste such as brushes, tow and other materials used to apply the product by spraying (disposable) must be eliminated together with the waste contaminated with chemical products generated by the product.

Legal note

All the information contained in this technical sheet is not intended to be exhaustive, it was based on the current knowledge and experience of Energeia Fusion, S.A. de C.V., as long as the product has been properly stored, handled and applied in normal situations and in accordance with the recommendations.

In case of changes in the application parameters, consult Energeia Fusion Technical Service. The information contained herein does not exonerate the user from testing the products for the desired application and purpose.

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Page 5 of 5

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