

DATA SHEET



ANTIMICROBIAL VINYL ACRYLIC COATING

WATER-BASED GRAPHENE
COATING FOR INTERIORS
AND EXTERIORS



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EVERGEIA[®]



Description

It is an antimicrobial vinyl acrylic coating, with excellent covering power and easy to apply. Due to its great durability and performance, it is ideal for interiors and exteriors on masonry surfaces such as plaster, concrete, flattened, drywall, walls and ceilings.

Advantages

- Excellent antimicrobial capacity by inhibiting the growth of bacteria and fungi on surfaces.
- Great durability.
- Greater adherence to surfaces.
- Excellent resistance to weathering and ultraviolet rays.
- High performance.
- Does not contain lead or mercury.

Application

- Antimicrobial coating for use in hospitals, operating rooms, clinics, schools, pharmaceutical, food and health industries, etc.
- For interiors and exteriors, on masonry surfaces, plaster, concrete, flattened, drywall, walls and ceilings

Colors

Wide variety of colors.

Drying time

Touch _____ 30 minutes
To coat _____ 30 minutes

Performance

Yield of 7 - 9 m² /L depending on the porosity, texture and sealing of the surface.



Physical properties

COLOR	% Sólidos	d (K/L)	μ (cps)	pH
WHITE	49.0 - 53.0	1.400 - 1.430	4000 - 11000	8.5 - 11.0
BLACK	38.0 - 41.0	1.100 - 1.400	4000-11000	8.5 - 11.0
REDDISH YELLOW	39.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
GREENISH YELLOW	39.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
OXIDE YELLOW	39.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
OXIDE RED	40.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
SCARLET RED	39.0 - 41.0	1.100 - 1.400	4000-11000	8.5 - 11.0
VERMILLION RED	40.0 - 41.0	1.100 - 1.400	4000-11000	8.5 - 11.0
ORANGE	40.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
FIUSHA	40.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
PURPLE	39.0 - 41.0	1.100 - 1.400	4000-11000	8.5 - 11.0
REDDISH BLUE	40.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0
GREENISH BLUE	40.0 - 43.0	1.100 - 1.400	4000-11000	8.5 - 11.0

The tests were performed in a certified laboratory and are based on the standards ASTM C172-14, ASTM C617/C617M-15, ASTM C39/C39M-16b, ASTM 143-15, ASTM C31-15, ASTM C511-13

Container size

- 4L and 19L
- 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 or poor paint should be completely removed if possible, or else sanded down.



Product Application

On new surfaces it is recommended to use styrene acrylic sealer, before applying the paint.

For the application of the paint, it is recommended to dilute it from 5 to 10% with clean water and mix perfectly.

Between coat and coat of paint let dry for at least 30 minutes.

Keep your equipment in good condition by washing with soap and water once the application is finished.

Recommendations

- The paint can be applied directly or with a maximum dilution of 10%.
- In case of dilution, use only clean water.
- Do not leave the container open during its application.
- Store in a covered, cool and dry 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.



PROTECTIVE
SUIT



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 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 CV, as long as the product has been correctly stored, handled and applied in normal situations and according to the recommendations.

In case of changes in the application parameters, consult with 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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