



Conductive paint with Graphenstone technology designed to protect against high and low frequency electromagnetic radiation (EMR).

Reduces electromagnetic pollution and crosstalk between wireless networks in different rooms, improving the productivity of RFID and WiFi systems.

Features

Protection from high frequency radiation.
Low frequency electric field protection.
Attenuation from 32 dB to 900 MHz (IEEE 299:2006)
Graphenstone technology.
Free of metallic particles.
Low in VOC emissions.

Technical properties

Specific weight	1.15 ± 0.05 g/cm ³
pH	7.0 ± 1
Viscosity	60 ± 5 U.K.
Solid content	38 ± 5 %
Fire resistance	B-s1, d0
Nature	Carbon particles in acrylic emulsion
Appearance	Dense liquid
Finish	Matte
VOC Content	< 1 g/l

Yield/Coverage

5-7 m²/l (2 coats). Depends on the type and state of the substrate, tools and application. The exact consumption should be determined by sampling on site.

The indicated attenuation refers to an application of 2 coats with a roller.

Pack Size

1 l, 1 Gal, 4 l, 15 l and 5 Gal.



Storage

Store in original container. Keep tightly sealed in cool, dry place. Do not store in extremes of temperature, avoid direct exposure to sunlight and protect from frost. Unopened, storage stability is 12 months from date of manufacture. Product may thicken without losing its efficacy. Shake well before use.

Substrate preparation

Plaster, drywall, filler, rendering, old paints, prefabricated boards and unplasticised wallpaper, brick or perlite.

The substrate must be dry, firm, well adhered, even and free of any impurities that could hinder the perfect bonding of the product.

- Any organic growth and/or other impurities should be removed by thorough cleaning using specific products for this purpose.
- If the substrate presents any complications, check the Graphenstone Application Manual or contact our Technical Department.

Application Method

Shake and apply two coats, leaving the surface as even as possible. It is not necessary to dilute the product, it is ready to use as is.



After drying, the product must be protected. It is recommended to apply Graphenstone paint.

It is a functional product, not a finishing product.

Drying

At 25 °C (77 °F) and 60% relative humidity: 4-6 hours between coats and 24-hours final drying.

Ambient conditions

The working temperature (ambient and substrate) must be between +5 °C and +40 °C (41 °F and 104 °F). Do not apply under direct sunlight or on surfaces heated by the sun.

Tools

Roller, brush, airless or other type of projection.

Clean tools after use with warm water.

Notes

Mineral substrates must be at least 28 days old.

Do not apply to surfaces in permanent contact with water.

It is recommended to protect the treated surface from the rain for 4 days.

Parts that are not going to be treated should be protected (glassware or carpentry).

Do not mix with other brands to maintain product efficacy.

Complementary products

It is recommended to use the Graphenstone® product range for complementary actions according to the application, repair and/or finish required. Please refer to the corresponding Technical Data Sheets.

Usage warnings

As it is a conductive product, it is recommended for safety reasons to connect the surface to be

screened to an electrical ground. Make the connection for each discontinuous section to be screened. It is recommended that these connections be made by a qualified professional.

None, particularly in situations where normal product application is expected and by people without any specific medical conditions. Protect skin and eyes especially. Do not inhale the product. Keep out of reach of children.

Waste management | Sustainability gesture

According to local legal regulations. The containers are made of polypropylene. Please contribute to the protection of the environment, do not throw waste down the drain and use the nearest recycling point.

Minimise product waste by carefully estimating the amount you will need. Store any unused product for future use according to the "Storage" guidelines.

Safety information

For information regarding safety, physical, ecological and toxicological details please see the latest version of the product's Material Safety Data Sheet.

Technical support

For further information, please contact your local distributor or manufacturer:

technicalsupport@graphenstone.com

The information provided is given in good faith, based on IEdISA's current knowledge and experience of the product, when correctly stored, handled and applied, in normal situations and according to IEdISA's recommendations. The Technical Data Sheet serves for information and advice, but is not legally binding. In particular, it does not exempt the user from test and check the suitability of the product for the desired application and purpose. IEdISA reserves the right to make modifications that improve the product or its application. This edition invalidates previous editions.

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