



Water-based protective coating with glass microspheres ideal for roof treatments. It is the perfect solution to protect terraces and roofs from leaks and/or accumulations of water. It works by penetrating into small fissures forming a continuous impermeable and elastic layer. Characterised by its easy application, resistance to weathering and excellent adherence. It is a solution that contributes to improving energy efficiency thanks to its high Solar Reflection Index.

Features

Solar Reflectance 88,2% ± 0.3.
Improves energy efficiency.
Weather resistant.
Impermeable to rainwater.
Easy to apply. Adaptable to the surface.
Excellent adhesion, resistance and durability.
High elasticity and abrasion resistance.
Suitable for low pedestrian traffic.
Unalterable to alkalinity and very good resistance to chemicals and micro-organisms.

Technical properties

Specific weight	1.12 ± 0.05 g/cm ³
pH	9.0 ± 1
Viscosity	[120-140] U.K.
Solid content	63 ± 5 %
Washability (UNE-EN ISO 11998)	Class 1
SRI (ASTM E1980-11)	109 ± 0.8
Appearance	Dense liquid
Finish	Semimatte
VOC Content	< 1 g/l

Yield/Coverage

700-800 g/m² (2 coats). Exact yield depends on type and condition of substrate, as well as tools used. Exact consumption should be determined by making onsite sample.



Finish

White.

Pack size

1 l, 4 l, and 15 l.

Storage

Store in original packaging, closed and in a cool and dry place. Protect from frost and avoid direct exposure to the sun. Unopened, it might be conserved for 36 months from date of manufacture. Product may thicken without losing its efficacy. Shake well before use.

Substrate preparation

Roofs, terraces or balconies of cement, concrete, stone, brick or tiling. The surface must be porous. Do not apply on stoneware, extruded, porcelain, klinker, asphalt fabric, PVC, PE and PTE.

The substrate must be well adhered, free from impurities, clean, dry and dust free. Any organic growth and/or other impurities should be removed by thorough cleaning using specific products for this purpose.

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- If the substrate is not well adhered, remove the non-adherent areas by scraping and brushing.

Product preparation

Shake and dilute with water at 20-25% for the first coat and 10-15% for the following coats.

Stir thoroughly and avoid excessive shaking to minimize the formation of air bubbles.

Application Method

Apply 2-3 even coats. Paint in sections starting from the edges. Do not paint over the areas that are drying, avoid splices.

In passable areas and over expansion joints or wide cracks: apply one layer, place a 2 mm grid of fibre-glass mesh and apply a second layer, as a "sand-wich", so that the mesh absorbs the shear forces.

Drying

At 25 °C and 60% relative humidity (RH): 4-6 hours between coats and 5 days for pedestrian traffic. Please note, changes in temperature and RH will affect these times.

Ambient conditions

Working temperature is 5-32°C. Avoid applying when the relative humidity is > 80% or when there is the likelihood of rain. Do not apply in direct sunlight or on substrates heated by the sun.

Tools

Roller or brush.

Clean tools after use with warm water and soap.

Notes

Mineral substrates must be at least 28 days old.

Do not apply on surfaces in permanent contact with water.

In case of rain, allow the substrate to dry before application. It is recommended to protect the treated surface from rain for 4 days.

Parts that are not to be treated must be protected (glass or carpentry).

If there are strict aesthetic requirements, it is recommended to make previous tests.

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

Alkaline product, protect skin and eyes especially. Do not inhale the product. Keep out of reach of children.

Waste management

The containers are made of 100% recycled polypropylene and are 100% recyclable. Please consult your local council for details on waste and recycling in your area. Help protect the environment; do not pour waste or excess paint down the drain.

Please help to minimise waste and respect the environmental impact of manufacture by correctly estimating the amount of product you will need.

Safety information

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



GRAPHENSTONE

Waterproof Therm

Covering roofs

Technical 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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