

Minerseal

Mineral Consolidating Sealer

TECHNICAL DATA SHEET

Mineral based sealer that acts as a consolidating treatment and does not alter the permeability of the substrate to gases and water vapour. It consolidates substrates with poor adhesion (sandy, dusty, etc.) and reduces absorption of the surface.

FEATURES

Consolidating primer
Reduces the absorption on the substrate
Increases the durability of the solution
Mineral. Silicate based
Highly breathable
High resistance and durability
Penetrates into the substrate. Does not form a film
Trace VOCs <0.1%* (BCF VOC Globe scheme)

TECHNICAL PROPERTIES

Specific weight	1.05 ± 0.05 g/cm ³
pH	11 ± 0.5
Viscosity	< 50 U.K.
Composition	Silicate
Appearance	Whitish liquid
Finish	Transparent
VOC Content	< 1 g/l

YIELD/COVERAGE

13-16 m²/l | 530-650 Sq. Ft./gal (1 coat).

Depending on the condition of the substrate, tools and application. The exact consumption should be determined by sampling on site.

STORAGE

Store in original container. Keep tightly sealed in a cool and dry area with no direct exposure to sunlight. Protect from freezing. Protect from temperatures below 5°C (41°F) and above 35°C (95°F). Unopened, storage stability is 12 months from date of manufacture. Product may thicken without losing its efficacy. Shake well before use.



PACK SIZE

1L, 5L and 15L.

SUBSTRATE PREPARATION

Mineral substrates such as mortar, plaster, render, brick, concrete or limestone sandstone. Highly absorbent substrates such as rammed earth, clay or adobe.

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

APPLICATION METHOD

Dilute with water in a 3:1 proportion (3 parts product to 1 part water) and shake the product until homogenized.

APPLICATION METHOD

Apply 1 or 2 coats depending on the absorption of the substrate or the desired protection. Do not saturate the substrate with the product..

DRYING

At 25 °C (77 °F) and 60% relative humidity (RH): 24 hours.

Please note, changes in temperature and RH will affect these times.



AMBIENT CONDITIONS

The working temperature (ambient and substrate) must be between 5 °C and 40 °C (41 °F and 104 °F). Avoid applying when the ambient relative humidity is above 80% or when there is a greater probability of dew and condensation. Do not apply under direct sunlight or on surfaces heated by the sun.

TOOLS

Roller, brus, airless or other type of projection.

Clean tools after use with warm water.

NOTES

Mineral substrates must be at least 28 days old.

The surfaces to be painted must be resistant to high alkalinity.

Do not apply to surfaces in permanent contact with water.

In case of rain, let the surface dry completely before application.

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

Please protect areas not being painted eg: glass and timber.

Should there be any strict aesthetic requirements, it is recommended to carry out preliminary tests. Product may cause slight darkening of the finish.

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

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

WASTE MANAGEMENT

Pots are made using 100% PCR recycled polypropylene and are 100% recyclable. Please consult your local authority 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.

SUSTAINABILITY GESTURE

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.