

Four2Four

Multi-surface Primer

TECHNICAL DATA SHEET

Four2Four is a high adhesion, primer/undercoat for interior and exterior use. Used as a multi-surface primer for new interior and exterior unpainted surfaces (Wood, MDF, Tiles, non-ferrous metals, UPVc and glass). Four2Four can be used as an undercoat and bridging coat over primed or previously painted surfaces, and to help block some stains, tannins and as a knotting on timber.

FEATURES

High adhesion primer for Wood, MDF, plastics and other non-absorbent surfaces
Low VOC content – less than 6 g/l
Use as a bridging undercoat over existing painted surfaces, eg oil based paints
Stain stopping: tannins, water stains and as knotting on timber
Interior & exterior use

TECHNICAL PROPERTIES

Specific weight	1.35 ± 0.05 g/cm ³
pH	9 ± 0.5
Viscosity	[90 - 120] U.K.
Solid content	55 ± 5%
Composition	Acrylic
Appearance	White liquid
Finish	Matt white
VOC Content	< 6 g/l

YIELD/COVERAGE

11-14 m²/l | 450-570 Sq. Ft./gal (2 coats).

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 36 months from date of manufacture. Product may thicken without losing its efficacy. Shake well before use.



PACK SIZE

1L and 4L.

SUBSTRATE PREPARATION

Suitable for all substrate types, especially smooth non-porous surfaces such as ceramics, polyurethane paints, epoxy or plastics. It can also be applied to non-ferrous metal or wooden surfaces.

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

If the substrate has traces of dust, grease, dirt and/or other impurities, undertake exhaustive cleaning to guarantee adequate adherence.

On metal surfaces with corrosion or oxidation, clean the surface and apply a rust inhibiting primer.

APPLICATION METHOD

Shake the product until homogeneous.

- Bonding primer and metal substrates: apply 1 or 2 layers (exterior use). Sanding gently improves adhesion of the product.

- Wood: sand the wood in the direction of the grain, clean thoroughly, remove resins or resin secretions and smooth sharp edges. Apply 1 or 2 coats depending on absorption, sanding between coats if a fine finish is desired. MDF: apply 2 coats, sanding in between.

- Stains: apply one coat on the affected surface to fix the stain, apply a second coat for more stubborn stains. The product does not cover stains; the coverage itself is achieved with the finishing paint.

If the treated area is not covered within 7 days, it is recommended to sand softly to enhance top coat adhesion.



DRYING

At 25 °C (77 °F) and 60% relative humidity (RH): 30-60 minutes between layers and 6-8 hours before application of paint..

AMBIENT CONDITIONS

The working temperature (ambient and substrate) must be between 7 °C and 35 °C (45 °F and 95 °F). Do not apply under direct sunlight or on surfaces heated by the sun. Avoid applying when the relative humidity is > 80%.

TOOLS

Roller, brush, airless or other type of projection.

Airless

- Recommended tips 208-310
- Recommended pressure – 1500-1800 psi
- Recommend thinning – not required

HVLP

- Recommended needle/air cap 1.5 - 1.8mm
- Recommend thinning – up to 10%

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

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.

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.