

EPOXY FLOOR PRIMER

EPOXY PRIMER (2 PACK, 100% SOLIDS) FOR POWERFLOATED SURFACES

WILL IMPROVE ADHESION ON BOTH SMOOTH, NON-POROUS SURFACES AND OPEN, POROUS SURFACES

PERFORMANCE ADVANTAGES

- > 100% Solids Epoxy
- > Low viscosity-giving easy application
- > Good "wetting out" and penetration properties
- > Excellent adhesion to difficult substrates
- > Good curing performance at low temperatures



USES

- > A TRIAL AREA should be applied to ensure that adequate adhesion can be achieved to the surface.
- > Can be applied to powerfloated concrete, quarry tiles, ceramic tiles and aluminium to aid the adhesion of subsequent coatings.
- > Used on open, porous substrates.
- > Used as a primer prior to Self levelling, Screed or Patch repair Systems.
- > Can be brush, squeegee or applied by solvent resistant roller.
- > EPOXY PRIMER IS INTENDED AS A PRIMER ONLY, NOT A WEARING SURFACE AND MUST ALWAYS BE COATED WITH AN APPROPRIATE TOPCOAT.
- > NOT A SOLUTION TO RISING DAMP.

COLOUR RANGE

- > Off White, Clear.



PACK SIZE

- > 4.5Kg Composite Packs (including Part A - Epoxy Resin, Part B - Curing Agent).

SPREADING RATE

- > 4.5Kg Composite Pack covers 18-27m² per coat (4-6m²/Kg per coat).
- > One coat is generally sufficient.

DRYING/CURING TIME

- > Minimum air application temperature must be above 15°C.
- > Minimum flooring application temperature must be above 10°C.
- > Light traffic after 24 hours at 20°C.
- > Full traffic after 3 days at 20°C.
- > Full cure after 7 days at 20°C.
- > Recommended over coating after 12-18 hours depending on temperature.

DEW POINT

- > Beware of condensation
- > The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.

Note: low temperatures and high humidity conditions increase the probability of blooming.

SHELF LIFE

- > **DO NOT ALLOW PACKS TO FREEZE.**
- > 12 months shelf life from date of production in original unopened containers and can be stored in dry conditions between 5°C - 30°C.

PREPARATION

New Concrete Floors:

- > New Concrete must be at least 4 weeks old before considering coating the substrate or moisture less than 5%
- > The substrate should be clean, free from laitance removed preferably by techniques which should include (depending on the degree of contamination) acid etching, light mechanical scrubbing, blasting, grinding or degreasing.

Existing Concrete Floors:

- > Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding.
- > Fats, oils or greases must be removed by mechanical means and detergent washing.

MIXING

- > Add the smaller tin containing PART B - CURING AGENT to the bigger tin containing PART A - EPOXY RESIN. Ensure mixing of the combined materials is done thoroughly using a spatula, wide bladed tool and or drill assisted paint mixing tool (on its lowest speed setting).

ALWAYS ENSURE A SPATULA IS USE TO MIX ANY UNMIXED MATERIALS FROM THE SIDES OR THE BOTTOM OF THE TIN.

- > It is suggested that continuous mixing is maintained for at least 3 minutes until an even colour and uniform consistency is achieved. Over mixing must be avoided to reduce air entrainment.
- > **DO NOT MIX MORE THAN ONE PACK AT A TIME.**

POT LIFE

EPOXY PRIMER

- > Up to 30 minutes at 20°C. Greater temperatures will reduce pot life.

APPLICATION

- > **Store between 15°C - 25°C** for at least 8 hours before use.
- > **The ambient temperatures** of the areas should not be allowed to fall below 15°C throughout the application and curing period.
- > **Surface temperatures** must be above 10°C, avoid surfaces temperatures above 30°C.
- > **Apply** by brush or short-medium pile solvent resistant roller ensuring the product is well worked into the surface.
- > **DO NOT USE A WATER-BASED ROLLER.**
- > Do not exceed the coverage rates stated above.
- > **DO NOT OVER ROLL.**
- > Porous floors may require two coats.
- > See product data sheet on High Build Epoxy Gloss Floor Coating for mixing coverage, preparation and application details.



CLEANING APPLICATOR/MIXING EQUIPMENT

- > Before the product cures all applicators should be washed in solvent cleaner. Any spillages of the PART A - EPOXY RESIN prior to mixing must be removed by solvents.

PRECAUTIONS

- > See MSDS sheet
- > Wear gloves, goggles and suitable protective clothes.
- > In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- > Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.
- > Keep out of reach of children.
- > Do not use near fishponds.
- > Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environments.
- > Do not empty into drains.

SAFETY

- > Good working practice should be followed.

The specification and coverage rates are given in good faith and are based on our experience and knowledge but without liability.

As Britannia Paints Limited has no direct control over the methods employed by the user in applying its products, any warranty either written or implied is given in good faith and can only cover the material itself.

FURTHER INFORMATION

There is a code of practice from FeRFA (the Resin Flooring Association) - Guide to the specification and application of synthetic resin flooring on www.ferfa.org.uk which can be consulted for general advice on preparation of substrates.

If in doubt regarding any of the above points, please contact our technical services department for advice.

It is the users responsibility to ensure that this data sheet is current prior to using the product.



Certificate Number 8516
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