



GRIP E946 EPOXY

TWO-COMPONENT, SOLVENT-FREE, WATER DISPERSIBLE PRIMER

Date: 22 September 2021

Fact Sheet No.: TDS00850

YOUR SMART ADVANTAGES

- Solvent-free
- Excellent adhesion
- Ideal for use when applying Bostik smoothing compound above 10mm

USES

Bostik GRIP E946 EPOXY is a solvent-free, two-component, water dispersible epoxy primer containing exact quantities of resin and hardener ready for mixing. Curing is by chemical reaction, producing a semi-gloss film finish. The primer is coloured to identify coated areas.

Bostik GRIP E946 EPOXY can be used as a primer/bonding agent prior to the application of any of the Bostik range of smoothing compounds. It can be used on all smooth and dense surfaces, power floated concrete, ceramic tiles, quarry tiles, terrazzo, rigid metal, asphalt and surface membranes.

It may also be used as a barrier primer on anhydrite (calcium sulphate) screeds, prior to the application of cementitious materials. For further information, please contact Technical Services.

PRODUCT CHARACTERISTICS

Colour	White
Form	Liquid paste
Specific Gravity	1.0 approx.
Composition	Resin mix
Product Codes	30620597 6kg bucket containing part A & B
Storage/Shelf Life	Store and transport securely in an upright position. Ensure the lid is secure. Store for up to 12 months

from date of manufacture in original, unopened packaging in cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Coverage	Smooth surfaces: 50m ² to 60m ² Barrier primer for calcium sulphate screeds: Up to 150m ² (depending on the smoothness of the floor surface & application technique)
Drying Times	2 to 6 hours, but do not leave for longer than 24 hours (depending ambient temperatures)
Cleaning	Clean tools and equipment with warm water immediately after use. Use white spirit if the material has dried

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik GRIP E946 EPOXY, refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

All phases of installation should comply with the latest editions of:

- BS 8102 Code of Practice for protection of structures against water from the ground.
- BS 5325 Code of Practice for installation of textile floor coverings.
- BS 8203 Code of Practice for installation of resilient floor coverings.
- BS 8201 Code of Practice for installations of for

flooring of timber, timber products and wood based panel products.

PREPARATION

Subfloor:

1. Ensure the subfloor is sound, clean, dry and of adequate tensile and compressive strength, free from loose material, laitance, cracks and structural defects. All contaminants, including surface hardeners and additives that may hinder adhesion must be removed. It should also have an effective structural damp-proof membrane and be suitably dry.
2. The subfloor should be tested in accordance with British Standards. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry.
3. Where this has not been achieved, the use of a suitable Bostik surface membrane will suppress residual moisture in a power floated concrete slab or sand/cement screed, provided a base DPM has been incorporated. Please refer to the relevant data sheets for full information. For anhydrite screeds contact Technical Services.

MIXING

As a primer/bonding agent for difficult substrates, or thick applications of smoothing compounds:

4. Add hardener B to resin A, and mix the two components together using an electric drill and propeller blade until a completely uniform colour is obtained.
5. The components should not be mixed together until application is ready to start, and should be applied as soon as mixing has been completed. Poorly mixed or unmixed material will not harden.

As a barrier primer for calcium sulphate screeds:

6. When being used as a barrier primer over dry anhydrite screeds, the product should initially be mixed as above.
7. Decant the mixed material into a larger container and slowly add, whilst still mixing a further 5 litres of clean, cold water.
8. Once thoroughly mixed (typically a minimum of 2 minutes), the primer should be applied to a dust and laitance free screed by either brush or roller. Poorly mixed or unmixed material will not harden.

APPLICATION

9. Apply the mixed material by brush or lambswool roller, ensuring that the primer is worked well into the surface.

DRYING TIMES

10. As soon as it has become transparent, i.e. when the primer is tacky but not wet, the appropriate Bostik smoothing compound may be applied. Keep the area dust free until the smoothing compound is applied.
11. For best results, leave to dry for 12 hours. If the primed surface is left for longer than 24 hours, it may lose its tack and may require a repeat application.
12. Bostik GRIP E946 EPOXY will cure between 6 hours and

24 hours after application, depending on the substrate, temperature and ventilation. Under cold conditions, the curing rate will be considerably slower. The use of warm air blowers can assist curing.

Note: Fuel burning space heaters produce water vapour, which will increase humidity and extend curing times. Electric fans, where permissible are more effective.

CLEANING

13. Clean tools and equipment with warm water immediately after use. Use white spirit if the material has dried.

PRECAUTIONS IN USE

For any application not covered, please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik GRIP E946 EPOXY, available at www.bostik.com/uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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