

TECHNICAL DATASHEET

Eraproof BE 60 is a versatile single pack bituminous polymer coating for waterproofing applications. **Eraproof BE 60** can be used as a waterproofing liner, or to reconstitute old and cracked torch-on, in ponds, and on flat roofs. It can also be applied on inverted surfaces such as underpasses and is easily applied to vertical and sloping surfaces.

The product is available in a brush-on format (paint brush or roller). It is easy to apply and dries quickly. Colours available are black, or slate-grey.

Additionally, **Eraproof BE 60** offers the following advantages:

- Tough and weather resistant
- Solvent free
- Easy to apply
- Bonds to most surfaces (tests on various surfaces undergoing at the time of this TDS)
- Can be over coated
- Resists many solvents and has good chemical resistance
- Exceptional elongation
- Non-slip
- Flexible and non-toxic.

Surface Preparation

Substrates differ significantly, and so all new applications should be tested first.

Ensure all substrates are thoroughly clean, sound, dry, and free from any contaminants such as dirt, rust, salt, algae and grease.

Cement: Old and new cement or concrete surfaces must be dried.

Fibre-glass: Abrade well. Underwater applications require a waterproof primer.

Timber: Abrade before applying **Eraproof BE 60**.

Gloss Paints and Varnish: Abrade to remove all gloss.

Rubber (nitrile or chloroprene): Clean well using detergent or cleaning solvent. Allow to dry.

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Product Specification

		Eraproof BE 60
Composition		Single pack
Cured Density (brush version)	(g/cm ³)	1.03
Solids Content	(%)	70
Touch Drying Time at 25°C and 50% RH	(hrs)	2
Light Foot Traffic	(hrs)	12
Full Cure time	(days)	4 - 7
Recommended Re-coating Time at 25°C and 50% RH	(hrs)	2 – 4
Max Re-coating Interval	(hrs)	24
Service Temperature	(°C)	5 to 40
Application Temperature	(°C)	10 to 30
Flexibility		Excellent
Weathering		Excellent, not colour fast, may fade
Soluble in		Paraffin
Flash Point	(°C)	> 23
Thermal Decomposition		No decomposition below initial boiling point
Shelf Life	(months)	6

Application

Ensure substrates have been prepared. Ensure tests for adhesion have been completed. Ensure areas not to be coated have been masked off.

Stir well before use.

Eraproof BE 60 should be applied in thin coats to prevent “mud-cracking” during drying. Depending on the application, two or more coats can be applied, allowing time for all coats to dry. Intercoat time is approximately 2 hours (when touch dry) depending on ambient conditions.

Brush

Eraproof BE 60 should be “laid” onto the surface with a brush (do not brush backwards and forwards as with an enamel paint). Two coats will result in a final dry film thickness of 0.75 mm to 1.0 mm. Second or subsequent coats should be applied at right angles to the previous coat. Intercoat times approximately 2 hours depending on ambient conditions.

Roller

If applied with a roller, application is quicker and the final texture rougher with greater non-slip characteristics. Follow same instructions as per Brush On. Intercoat times approximately 2 hours depending on ambient conditions.

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Curing time

Eraproof BE 60 cures with atmospheric moisture. Without accelerator the coating will be touch dry in about 2 to 4 hours, allowing light traffic after 12 hours, and achieves full strength and chemical resistance in 4 to 7 days, but normally coating can be put to use after 24 hours.

Accelerated cure

In areas of low atmospheric moisture or when shorter curing times are required, an accelerator can be added. This is available from manufacturer or supplier.

Overcoating and repair

Eraproof BE 60 can easily be repaired or overcoated. The old surface should be well cleaned. Damaged surfaces must be cut out to provide an area without loose edges. Follow application instructions.

Coverage

Total coverage: About 1m² / litre applied in two coats *i.e.* 2m² / litre per coat.

Cleaning

Uncured

Eraproof BE 60 can be cleaned initially using water. Secondary cleaning immediately afterwards using paraffin to get rid of any sticky residue.

Cured

Eraproof BE 60 can be removed by mechanical means.

Storage

Always store closed containers in cool dry place below 25°C.

Safety

Please refer to the Material Safety Data Sheet (MSDS) for personal protection, proper handling, and storage.

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