

DURASHIELD PRIMER

STABILISING PRIMER TO FORM A SOUND SUBSTRATE

PRIMER for substrates prior to DURASHIELD Waterproofing System

PERFORMANCE ADVANTAGES

- > Formulated to improve adhesion onto difficult substrates
- > Deep penetrating low viscosity primer
- > Used on all surfaces to bind the surface
- > Reduces coverage rates
- > Forms a sound substrate suitable for coating prior to Durashield Waterproofing System

USES

- > Ready for use on all Surfaces: Flat Roofs, Pitched Roofs, Weathered Asphalt and Bituminous Surfaces, Gutters, Concrete, Brickwork, Fibreglass and GRP, Felted Surfaces, Fibrous Cement Corrugated Cladding, Sheeting and Guttering, Metal (Galvanised, Ferrous and Non-Ferrous), Old Lead, Existing Painted Surfaces and EPDM.
- > OSB/Plywood and Wooden Substrates (must be taped and fully scrimmed and an additional coat of Durashield added) - see Typical Spreading Rates.
- > Fibrous cement corrugated sheeting and skylight surrounds must be reinforced with scrim to laps and around ALL fixings. (See SCRIM RECOMMENDATION on page 2 of the Durashield data sheet).
- > Can be brush or roller applied.
- > **Not for use on Walkways, Balconies, tanking, fish and aquatic ponds, plasticised PVC (Plastisol), new lead, slate or internal use.**

DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.

- > Cannot be used as a topcoat

COLOUR RANGE

- > Clear.



PACK SIZE

- > 1L, 5L, 20L containers.

PREPARATION OF SUBSTRATE

- > Ensure the substrate is free from old plant and debris
- > Cut all brick chases if required
- > The outlets and gutters must be free from obstruction
Do all your dirty work before cleaning!

CLEANING OF SUBSTRATE

- > Clean the surface with a powerwash of up to 2,000 psi, depending on the substrate.
- > If needed clean the area with Britannia Fungicidal Wash. This eliminates all moss/algae. The wash must be applied and left on the substrate for 7 days, then washed off prior to the application.
- > The substrate must be dried off using squeegees/rags. Gas guns should not be used.
- > Once the substrate is clean and dry you can then begin the application.

REPAIRS TO SUBSTRATE

- Including splits, cracks, joints, seals and crazed areas.**
- > Repair faults in the surface by using a high quality waterproof mastic/filler.
 - > Apply Durashield Primer followed by Durashield Waterproofing System to repaired areas incorporating Britannia Reinforcing Scrim overlapping by 5cm.

PRIMING OF SUBSTRATE

ALL ROOF SUBSTRATES REQUIRE PRIMING BEFORE OVERCOATING WITH DURASHIELD WATERPROOFING SYSTEM.

See Primer Guide for the following substrates:

Highly Porous/Friable Surfaces

Felted surfaces, fibrous cement corrugated cladding, sheeting and guttering should be primed with Britannia Durashield Primer.

Fibrous cement corrugated sheeting: two coats of Durashield Primer must always be applied to this substrate.

Concrete and Masonry

Prime with Britannia Durashield Primer

Weathered Asphalt and Bituminous Surfaces

Prime with Britannia Durashield Primer.

Note: discolouration can occur over Weathered Asphalt or Bituminous Surfaces. An extra coat may therefore be required for decorative purposes.

DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.

OSB/Plywood and Wooden Substrates

OSB/Plywood, wooden substrates and insulation board must be treated with a 50mm wide strip of Britannia Tape (any other tape must be tested before use). A continuous surface should be created before commencing with the application of Britannia Durashield Primer.

Metal

All ferrous metals should be primed with Britannia Metal Primer (see separate technical data sheet).

Lead

No primer required on old lead, sheet/valleys.
DO NOT USE ON NEW LEAD.

Aluminium, Copper and Galvanised Steel

These should be primed with Britannia 1 Pack Etching Primer (see separate technical data sheet).

Fibreglass and GRP

Prime with Britannia Durashield Primer.

Previously Painted or Coated Substrates

Prime with Britannia Durashield Primer.

EPDM

Prime with Britannia Durashield Primer.

IT IS GOOD PRACTICE TO INSPECT AND CARRY OUT ADHESION TESTS ON ANY EXISTING COATING OR SUBSTRATE PRIOR TO APPLICATION OF THE COATING.

APPLICATION OF PRIMER

- > **DO NOT THIN**
- > **Stir well before use as separation could occur.**

To the dry and cleaned surface, apply a generous coat of Britannia Durashield Primer by brush or roller at the specified spreading rate as stated under the heading.

- > **The substrate and ambient temperature for the application of the system must be between 2°C and 35°C.**

DO NOT APPLY to frozen or damp surfaces.

DO NOT APPLY in hot direct sunlight or coating may skin.

Work away from the area immediately being applied and toward a suitable escape access. Do not walk on newly coated surface whilst application is in progress.

TYPICAL SPREADING RATES

	Minimum Primer/m ²
POROUS AND FRIABLE Felted surfaces, Fibrous Cement, Concrete, Weathered Asphalt and Bituminous Surfaces, Fibreglass and GRP,	0.2 - 0.33 lt (equivalent to 3-5 m ² /lt)
OSB/PLYWOOD AND WOODEN SUBSTRATES (MUST BE TAPED AND FULLY SCRIMMED)	0.2 - 0.33 lt (equivalent to 3-5 m ² /lt)

After priming a check must be made for the presence of pinholes and missed areas which can be rectified by applying additional coating as necessary to produce a sound substrate prior to overcoating.

Spreading rates may vary depending on type and condition of substrate, environment and so on. These examples are intended only as a guide.

DRYING TIME

Britannia Durashield Primer can take up to 1 day to cure but can be over coated when dry.

WATER REPELLENCY

- > Rainfall immediately after application has no adverse effect.



PRIMER GUIDE FOR DURASHIELD WATERPROOFING SYSTEM

Substrate	Britannia Durashield Primer	Britannia Zinc Phosphate Metal Primer	Britannia 1 Pack Etching Primer
POROUS AND FRIABLE			
Felted Surfaces	✓		
Fibrous Cement	✓		
Concrete	✓		
Weathered Asphalt and Bituminous Surfaces	✓		
DO NOT USE ON NEW BITUMINOUS PRIMERS/COATINGS OR SURFACES.			
OSB/PLYWOOD AND WOODEN SUBSTRATES (MUST BE TAPED AND FULLY SCRIMMED)			
Timber Decks	✓		
Plywood	✓		
METALS			
Ferrous		✓	
Galvanised Metal			✓
NON-FERROUS METALS			
Lead (not to be used on new lead)			
Aluminium			✓
Copper			✓
OTHERS			
Fibreglass and GRP	✓		
Previously painted or coated substrates*	✓		
EPDM	✓		

For difficult substrates and technical advice, please contact us

IT IS GOOD PRACTICE TO INSPECT AND CARRY OUT ADHESION TESTS INCORPORATING THE PRIMER AND DURASHIELD WATERPROOFING SYSTEM.

*Adhesion/pull off test required.

IMPORTANT

- > Britannia Durashield Primer is not recommended for the treatment of fish or aquatic ponds or internal use.
- > Air conditioning vents should be sealed for a minimum of 24 hours during and after the application.
- > **MINIMUM FINISHED FALL:** when using this product it is important that a minimum finished fall of 1:80 is achieved, as stated in BS 6229.2003 (Code of Practice for the application of Liquid Applied Waterproofing Systems to flat roofs with continuously supported coverings).

CLEANING

For cleaning equipment use White Spirit.

SHELF LIFE

- > Up to 2 years if stored correctly in an unopened container.

PRECAUTIONS

- > **Flammable** keep away from sources of ignition.
- > Ensure good ventilation during application.
- > Wear gloves, goggles and suitable protective clothing.
- > 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 and safety/walking boards should be utilised where required.

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests.
Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage and disposal of chemical products, please refer to the most recent Material Safety data sheet.

DISCLAIMER

The information, and, in particular, the recommendations relating to the application and end-use of Britannia's products, are given in good faith based on Britannia's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Britannia's recommendations.

In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Britannia reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data.

FURTHER INFORMATION

There is a Code of practice from LRWA-“Specification and use of Liquid Applied Waterproofing Systems” on www.lrwa.org.uk which can be consulted for general advice.

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

A Material Safety Data Sheet is available on request.

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



Certificate Number 8516
ISO 9001



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