

POLYSHIELD

WATERPROOFS AND RENOVATES ROOFS INSTANTLY

PRIMER for very porous surfaces prior to Polyshield Smooth

PERFORMANCE ADVANTAGES

- > Flexible, rubber-based primer
- > Ready to use
- > Stabilises highly friable/porous surfaces prior to application of Polyshield Smooth topcoat
- > Ensures Polyshield topcoat works with maximum effect to waterproof and renovate failing roofs
- > Rainfall immediately after application has no adverse effect
- > Solvent based

USES

Ready for use on highly friable /porous surfaces e.g. Concrete, Asbestos Cladding, Sheeting, Guttering and Wooden Substrates.

- > Can be brush, roller or spray applied.

Not for use for tanking, fish and aquatic ponds or internal use.

Cannot be used as a topcoat

COLOUR RANGE

- > Light Grey.

PACK SIZE

- > 5L, 20L containers.

SPREADING RATE

- > Up to 5 square metres per litre dependent on absorbency of substrate.
- > *Do not thin*
- > **Stir well before use as separation could occur.**

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.



DRYING TIME

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

Only apply Britannia Polyshield Smooth when the Primer is sufficiently dry to accept foot traffic.

WATER REPELLENCY

- > Rainfall immediately after application has no adverse effect.

SHELF LIFE

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

PREPARATION AND APPLICATION

Clear all areas of moss, lichen and debris by brushing or power washing and remove surface water and any contamination such as Oil or Grease and allow to dry. Apply Britannia Fungicidal Wash to prevent further fungal/algal growth.

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

Application Temperature should be between 5°C - 41°C (ambient) 5°C - 54°C (surface).

SUBSTRATE TYPES

Highly porous friable surfaces

Concrete and Asbestos Cladding, Sheeting and Guttering should be primed with Britannia Polyshield Primer prior to over coating with Britannia Polyshield Smooth Waterproof Roof Coating.

These Surfaces - Must be jet washed prior to applying the Britannia Polyshield Primer.

EPDM surfaces

Use EPDM Primer before applying Britannia Polyshield Smooth Waterproof Roof Coating.

OSB/Plywood and Wooden Substrates

OSB/Plywood, wooden substrates and insulation board must be treated with a 50mm wide strip of Britannia Tape to create a continuous surface before commencing with the application of Britannia Polyshield (refer to manufacturer's recommendations).

Previously painted or coated substrates

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

Splits, Cracks, Joints, Seals and Crazed areas (up to 1/4 inch)

Pay particular attention to clean out any splits/cracks/joints, seals and crazed areas by scraping or brushing off with a stiff bristle brush before applying the Britannia Polyshield Primer prior to the application of a coat of Britannia Polyshield Smooth Waterproof Roof Coating.

Large cracks (greater than 1/4 inch)

Pay particular attention to clean larger cracks by scraping or brushing off with a stiff bristle brush prior to applying high quality proprietary waterproofing adhesive sealant with EPDM to overlap the existing roof.

In areas where excessive movement may occur additional reinforcement must be incorporated into the coating.

TOPCOAT

Apply a generous coat of Britannia Polyshield Smooth Waterproof Roof Coatings at the minimum specified spreading rate as stated on the data sheet.

IMPORTANT

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.

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.

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.

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.



Cert: 8516



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