

AQUASHIELD

WATERPROOFS ROOFS INSTANTLY

SMOOTH for spray, brush or roller application

DESCRIPTION

A high quality solvent based roof coating that gives long-term waterproofing protection. This Smooth Coat is recommended for application and easy flow on very large roofs.

USES

Ready for use on flat roofs, pitched roofs, weathered asphalt and bituminous surfaces, gutters, concrete, brickwork, fibreglass, felt, metal (galvanised and ferrous), aged uPVC.

For other surfaces see Preparation and Application.

> Can be spray, brush, roller or squeegee applied.

Not for use on Walkways or Balconies, new asphalt or new bitumen surfaces or timber and plywood substrates, new uPVC and GRP.

High Build Coat: for patch repair/all over roof coating
Standard Coat: for an all over covering on a roof.

COLOUR RANGE

> Grey, Black, Solar Reflective White and Clear.
Other colours to order.

PACK SIZE

> 2.5 kg, 5 kg and 20 kg containers.



SPREADING RATE

- > High Build Coat - Between 1 kg – 2 kg per square metre dependent on substrate.
- > Standard Coat - Approximately 0.5 kg per square metre dependent on substrate.
- > Spray recommendation - Can be airless sprayed at an atomising pressure of 2000psi with a tip size of 19 thou using a 3/8 inch hose up to 30 metres maximum length (consult manufacturer for further details).

DRYING TIME

- > Up to 6-7 days depending on temperature, thickness of coating.
- > The product may remain soft for a further period depending on climatic conditions, this is not detrimental to the waterproofing qualities of the product.

Not suitable for heavy foot-traffic areas.

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.

Most roofing substrates to be treated will not normally require priming.

To the dry and cleaned surface, apply a generous coat of Britannia Aquashield Smooth Waterproof Roof Coating by brush, roller or spray, at the minimum specified spreading rate as stated above under the heading.

Application Temperature should be between 5°C-25°C.

SUBSTRATE TYPES

Highly porous/friable surfaces

Concrete and Asbestos Cladding, Sheeting and Guttering should be primed with Britannia Aquashield Primer (see separate technical sheet) prior to over coating with Britannia Aquashield Smooth Waterproof Roof Coating.

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

Metal Surfaces

- > Ferrous-New, Weathered and previously painted galvanised iron and steel.
- > Non-Ferrous Metals - Aluminium sheeting & Aluminium Alloy Box gutters and previously painted non-Ferrous Metals.

All these areas should be suitably prepared and primed as appropriate (see separate technical sheet) before application of Britannia Aquashield Smooth Waterproof Roof Coating.

Non-porous substrates

Slate, Polished bricks should be power washed abraded and completely dry, free from any contamination to achieve adhesion of the Britannia Aquashield Smooth Waterproof Roof Coating.

Bitumen surfaces

Discolouration may occur over a new asphalt, tar or bitumen surface; therefore an extra coat may be required, for decorative purposes only. Aged bitumen can be liable to crack, therefore further advice must be taken.

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 and Seals

Pay particular attention to clean out any splits/cracks/joints and seals by scraping or brushing off with a stiff bristle brush before applying the Britannia Aquashield Primer.

Repair all faults in the surface by either Britannia's Reinforcing Scrim in the first of two coats or using a proprietary sealer.

Crazed areas

These should be primed with Britannia Aquashield Primer prior to the application of a coat of Britannia Aquashield Smooth Waterproof Roof Coating.

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

IMPORTANT

Britannia Aquashield is not recommended for the treatment of wooden surfaces, tanking, fishponds or internal use.

Air conditioning vents should be sealed for a minimum of 24 hours during and after the application.

This coating is only valid for applications in the UK.

CLEANING

For cleaning equipment use Britannia Special Solvent (Not 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 ELWA- "Specification and use of Liquid Applied Waterproofing Systems" on www.elwassociation.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.

