

# AQUASHIELD

## WATERPROOFS ROOFS INSTANTLY

### AGGREGATED COATING for safety on high level walkways with light foot traffic

#### DESCRIPTION

A high quality aggregated solvent based coating that gives long-term waterproofing protection. Special application on high level walkways as a safety measure.

#### 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 brush or squeegee applied.

Not for use on 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 and Solar Reflective White. Other colours to order.

#### PACK SIZE

> 5 kg and 20 kg containers

#### SPREADING RATE

> Approximately 0.5kg per square metre dependent on substrate.



#### DRYING TIME

- > Up to 3-4 days depending on temperature, thickness of coating.
- > The product may remain slightly soft for a further period depending on climatic conditions, this is not detrimental to the waterproofing qualities of the product.

#### 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 Aggregated Waterproof Roof Coating by brush or squeegee, 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 Aggregated 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 Aggregated 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 Aggregated 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 Aggregated 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](http://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.*

