

AQUASHIELD **ECO**

ELASTOMERIC WATER BASED ROOF COATING WITH EXCELLENT DURABILITY

SMOOTH SOLVENT FREE ROOF COATING

PERFORMANCE ADVANTAGES

- > Particularly suitable for general maintenance work
- > One coat only recommended
- > Easy flow application
- > Water based highly Elastic Acrylic coating
- > Low odour
- > Dries to form durable and water-resistant finish
- > Safe product to use - no solvent



USES

For use on flat roofs, pitched roofs, weathered asphalt and bituminous surfaces, gutters, concrete, brickwork, GRP and fibreglass, felt and metal (galvanised and ferrous).

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

For other surfaces see Preparation and Application.
> Can be brush, roller or spray applied.

Not for use on New Cementitious Screeds, Walkways, Balconies (where there is regular foot traffic), timber surfaces, new and aged PVC, plasticised PVC (Plastisol), internally as a tanking membrane.

COLOUR RANGE

- > Grey, Black and Solar Reflective White.
- Others colours to order.

PACK SIZE

- > Available in 1, 2.5, 5 and 20kg containers.

SPREADING RATE

- > As a guide, 1-2 kg/m² (equivalent to 0.5-1m²/kg).
- > Coverage will depend on the type and profile of the surface.

DRYING TIME

- > DRY IN 3 hours at 10°C (BS EN ISO 1517 dry surfaces).
- > Apply in dry conditions at >10°C.
- > **DO NOT APPLY BELOW 10°C IN WET OR FROSTY CONDITIONS.**
- > Resistant to light showers after 40 mins (on dry surfaces).
- > Should not be completed in poor drying conditions or when rain is imminent.

WATER REPELLANCY

- > Heavy applications will result in extended drying times and will become more subject to wash off during initial stages of drying.

SHELF LIFE

- > Up to 12 months if stored correctly in an unopened container.
- > Store within the temperature range 5°C-25°C.
- > **PROTECT FROM FROST.**



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.

> STIR WELL BEFORE USE

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

To the dry and cleaned surface, apply a generous coat of Britannia Aquashield Eco 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 Eco Waterproof Roof Coating thinned 10% with water prior to overcoating with a second coat of Britannia Aquashield Eco Waterproof Roof Coating.

These Surfaces - Must be jet washed prior to priming.

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Metal Surfaces

- > Ferrous-New, Weathered and previously painted galvanised iron and steel. Prime area with Britannia Zinc Phosphate Metal Primer.
- > Non-Ferrous Metals - Aluminium sheeting & Aluminium Alloy Box gutters and previously painted non-Ferrous Metals. Primer area with Britannia Metal Etch Primer.

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

Bitumen and asphalt surfaces

Can be used as an isolator over new asphalt, tar or bitumen surfaces. Aged bitumen can be liable to crack and 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, crazed areas

These should be cleaned out with either a scraper or a stiff bristle brush and primed before applying Aquashield Eco thinned down 10% with water. A top coat of Aquashield Eco should then be applied.

Surface faults

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

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

FIRE CLASSIFICATION

The system conforms to BS476 parts 6 & 7 for a class 'O' rating when applied to a non-combustible substrate.

IMPORTANT

- > Britannia Aquashield Eco is not recommended for the treatment of wooden surfaces, tanking, fishponds.
- > This coating is only valid for applications in the UK.
- > **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

- > Clean all equipment with water immediately after use and cured coating with white spirit.

PRECAUTIONS IN USE

- > Keep out of reach of children.
- > In case of contact with eyes wash immediately with plenty of water.
- > Remove splashes from skin with soap and water or a recognised hand cleaner.
- > Protect from freezing.
- > Do not apply paint if there is a risk of heavy rain or frost.
- > Do not use near fishponds.
- > Shade variations may occur between different batches. When completing projects requiring more than one tin ensure they are from the same batch.

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.



Certificate Number 8516
ISO 9001



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