

AQUASHIELD **ECO**

ELASTOMERIC WATER BASED ROOF COATING

SOLVENT FREE ROOF COATING with fibres

PERFORMANCE ADVANTAGES

- > Ready to Use
- > Contains added fibres that interlace to cover up small gaps or cracks
- > No primer required
- > Can be applied to damp surfaces
- > One coat only recommended
- > Low odour
- > Dries to form durable and water-resistant finish
- > Gap bridging



USES

Ready for use on substrates such as old roofing felt, asphalt, bituminous roof coatings, asbestos, cement, concrete, leadwork, brickwork, slate and rigid PVC. Also suitable for gutters and flashings.

- > Brush or roller applied.

Not for use on Walkways, Balconies (where there is regular foot traffic), timber surfaces, 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

- > STIR WELL BEFORE USE
- > One-coat application.
- > 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/algae growth.

Britannia Aquashield Eco can be applied to damp surfaces. Ensure excess and pooled water has been brushed away and all surface contaminants have been removed. Wet or damp surfaces will impact on the drying (extend the drying time) and coverage rate (second coat may be required).

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.

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 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.

SCRIM RECOMMENDATION

- > Reinforcing Scrim must be used on all upstands, curves, skylight bases and rainwater outlets.
- > Reinforcing Scrim to be used on all gutter expansion joints.
- > Reinforcing Scrim to be used on all repaired areas.
- > Finish with an additional coat of Aquashield Eco over the scrimmed area.



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.

