

Aquatect S - Waterproof Coating

Aquatect S

Is a Bitumen based compound for application as a roof coating, damp proof membrane in solid floor construction, sandwiching damp proof membranes under concrete and roof screed, external waterproofing to buried concrete or as a tanking membrane.

Aquatect S can be used all year round, however it is not recommended for use where temperatures are below 5°C.

Uses - To reseal, waterproof and repair many different types of roof coverings, including;

- Asphalt roofs, built up felt roofs, concrete roof decks and asbestos cement sheeting
- Metal sheeting including iron, steel, zinc and lead slates and tiles
- Sandwich damp proof membranes, under concrete and, roof screeds
- Waterproof coating to buries concrete and walls, concrete roofs

Cleaning - Tools should be cleaned immediately after use with Q/Solve.

Coverage - 1.5 to 2.5m² per litre per coat—coating thickness 400-600microns (2 coats)

Drying time - (at 200C) 12-16 hours (touch dry)

Storage - Aquatect S should be stored in a closed container and protected from heat.

Shelf Life - Practically unlimited in sealed containers.

Health and Safety - Care should be taken to avoid splashes entering eyes. Contact with skin should be avoided and hands washed thoroughly in the event of accidental contact. Aquatect S should not be ingested. If splashes affect eyes, they should be bathed immediately with copious quantities of clean water and if discomfort persists medical attention should be sought without delay.

Application

Preparation and Application Requirements:

Aquatect S should always be applied to surfaces that are clean and free from dust, oil and other surface contaminants. It should not be applied in temperatures below 5oC and the applied material should be protected from frost or rain until it has completely dried.

Drying time is 12 to 16 hours but this may be extended in humid or poorly ventilated situations.

Porous or open textured surfaces should be sealed using cement/PVA slurry or rendered and allowed to dry. Brick and block work should be flush pointed. Sharp angles and points should be removed and internal angles filled with a 20mm sand and cement fillet. Joints, pipes and other projections should be reinforced using hessian or other proprietary reinforcing material.

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Sandwich Damp Proof Membranes, under Concrete Floor Slabs and Roof Screeds:

The slab to be treated should be thoroughly clean. Aquatect S should then be brushed evenly over the slab and the membrane applied to link up with any existing damp proof courses. Apply two coats at a rate of 1.5m² per litre for the first coat and 2.5m² per litre for the second. As soon as the first coat is dry apply a second at right angles.

A reinforcing membrane and/or a sand/cement fillet may be required at the junction between sub-floor and walls or other sharp corners in common with good building practice. Aquatect S should be allowed to dry then protected from physical damage by site traffic until its overlaid.

Waterproofing Walls:

Internal walls may be treated to provide a waterproof membrane and a key for subsequent plastering. Aquatect S should be brush applied onto the clean surface and allowed to dry. A second coat is then applied at right angles to the first. The second coat should be allowed to dry for at least 24 hours before plastering.

Waterproof Coating to buried concrete and walls:

The surface should be dry and clean. Apply two coats of Aquatect S as before. The second applied at right angles to the first after the first has been allowed to thoroughly dry. Aquatect S should be protected from physical damage by the backfill by the used of some sort of protection board.

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