



Sovereign Aqueous Bitumen

A bitumen and rubber latex emulsion that is applied cold as a horizontal damp-proof membrane in solid laid concrete floors.



Product Code
30806427

Description

Sovereign Aqueous Bitumen is a bitumen and rubber latex emulsion to be applied cold as a horizontal damp-proof membrane in solid laid concrete floors.

Sovereign Aqueous Bitumen can also be used as a vertical membrane on the positive (external) side of a structure. However, for tanking on the negative (internal) side, or where hydrostatic pressure is involved, then use the Sovereign Hey'di K11 Tanking System.

When dry the material forms a black, tough, resilient, waterproof coating.

Form Supplied: Liquid, ready to use

Pack Size: 25 Litres

Colour Range: Dries black

Contains: Bitumen and natural rubber latex

Properties

Aqueous Bitumen has been designed so that when applied properly, it provides a sandwich membrane, the dried film thickness of which complies with the appropriate British Standard Code of Practice CP 102:1973. Such thicknesses are considered essential to the adequate performance of the membrane in providing a waterproof and vapour-proof barrier.

Preparation

It is essential that if the concrete surface is dry and absorbent it be made non-absorbent by lightly dampening with water. This will assist application. Dusty surfaces must first be cleaned, preferably by power washing.



USAGE

Apply the emulsion undiluted to cover not more than 1.0 m²/litre. Use a soft brush or broom, damping it before and occasionally during use to avoid clogging and assist application. The finished application should be free from weeps and of uniform thickness.

When this coat is dry apply a second in the same way, covering not more than 1.5 m². When dry, the membrane should be black and shiny. Any brown colouration or movement between the film and backing should be taken to mean that drying is incomplete.

While still moist blind the second coat with sand to prevent damage and provide a key for the final concrete screed. When the final coat is dry, brush off surplus sand. Further work can then proceed.

GENERAL

Sovereign Aqueous Bitumen, when applied as a horizontal damp proof membrane, must in all cases be laid so that it overlaps the damp proof courses in adjoining walls.

It should be noted that these damp proof membranes are recommended for the damp proofing of floors where there may be capillary rise of moisture, but not with those where water can exert hydrostatic pressure.

See CP.102:1973, Sections 1005 and 1007.

Sovereign Aqueous Bitumen complies with the relevant sections of the following standards.

- ✓ British Standard Code of Practice CP.102:1973. "Protection of buildings against water from the ground".
- ✓ The Building Regulations, 1965. "Buildings and Buildings".
- ✓ Building Research Station Digest (second series) No. 54 "Damp-Proofing Solid Floors".
- ✓ Building Research Station Digest (second series) No. 54 "Damp-Proofing Solid Floors".
- ✓ Ministry of Public Buildings and Works Advisory Leaflet No. 23 (1963). "Damp-proof Courses".

The actual drying time will depend on the rate of evaporation, air and ground temperatures and humidity. Times quoted are guides only and, in all cases, will be assisted by ventilation.

GENERAL CONTINUED

When DPC fluids are used allow a minimum period of 3 weeks (dependent upon conditions) prior to Aqueous Bitumen application to enable any solvents to evaporate.

LIMITATION

Sovereign Aqueous Bitumen is not recommended for roofing applications since the rubber latex may lead to crazing and cracking of the film surface unless it is covered with sand or other U.V. shield.

COVERAGE

1.3 m²/litre approx.

Storage: Between 5°C – 30°C.

Shelf Life: 6 months unopened.

HEALTH AND SAFETY

- ! Avoid skin and eye contact.
- ! Handle only when wearing protective clothing.
- ! Wash splashes from skin with soap and water, flush eyes with copious amounts of water and seek medical attention if irritation persists.



Health & safety information
available on request



Important Disclaimer

The information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.



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