

SpEC Bitprufe BLE 65

RUBBERIZED BITUMEN EMULSION WATERPROOF COATING

DESCRIPTION

SpEC Bitprufe BLE 65 is a polymer modified bitumen emulsion supplied as a viscous liquid for waterproofing to substructure and superstructure areas in buildings and civil engineering projects.

TYPICAL USES

SpEC Bitprufe BLE 65 is used where a tough, flexible and seamless waterproofing membrane is needed, such as:

- Concrete and brick foundations, retaining walls and bridge abutments
- Floors of bathrooms, kitchens and other wet areas where multiple pipe entries may render the use of sheet membranes difficult.
- Facades where a vapour / salt barrier behind cladding or curtain walls is required
- Sealing of surface cracks in bituminous pavements

ADVANTAGES

- Excellent adhesion to most building substrates
- Resistant to chlorides, sulphates and other ground and airborne salts
- Ability to bridge minor cracks
- Efficient curing membrane to newly placed concrete
- Non-hazardous

RELEVANT STANDARDS

SpEC Bitprufe BLE 65 conforms to the following standards:

- ASTM D1227 & ASTM D88

TECHNICAL DATA

Colour	Brown, dries to black
Solids content	65 ± 3%
Specific gravity	1.00
Rubber content	10%
Viscosity @37.8°C	15-20 centipoise
Drying time	3-6 hours @ 35°C

Recoat time 12-24 hours @ 35°C

APPLICATION

Surface preparation

Surfaces unto which the membrane is to be applied must be sound and clean. Dust, loose materials and protrusions must be removed and cracks, holes, etc made good.

SpEC Bitprufe BLE 65 may be applied to damp surfaces such as green concrete providing there is no standing water. Cementitious surfaces must be dampened with clean cold water to facilitate application.

Priming

Porous surfaces must be primed with a coat of a diluted mixture consisting of one part **SpEC Bitprufe BLE 65** and one part clean water.

Metal surfaces must be dry and primed with a solvent based primer such as **SpEC Black Bitumen Paint**.

Application

The drums must be well stirred before use Where a single drum is used for prolonged periods, occasional stirring during application is recommended. If a primer coat is applied, allow it to dry completely before applying subsequent coats.

Apply evenly and in one direction using a stiff brush. A two-coat application is recommended to avoid possible holidays in the film. Each coat must be allowed to dry before applying the next one.

In wet areas, where a key to subsequent layers (e.g. screed, tile bedding, etc.) is required, blind the fresh top layer with clean sharp sand.

Do not apply **SpEC Bitprufe BLE 65** to external areas in wet weather or when rain is expected.

EQUIPMENT CLEANING

SpEC Bitprufe BLE 65 may be removed from tools and equipment with water when wet. On drying, **SpEC Bitprufe BLE 65** maybe removed with **SpECtite Cleaning Fluid**, white spirit or kerosene.

APPLICATION TEMPERATURE RANGE

5 °C to 45 °C

PACKAGING & YIELD

SpEC Bitprufe BLE 65 is supplied in 20 litre pails and 200 litre drums. **SpEC Bitprufe BLE 65** is applied at an average rate of 2m²/litre per coat, which gives a typical dry film thickness (DFT) of 650 microns.

SpEC Black Bitumen Paint is supplied in 20 litre pails and 200 litre drums. It is applied at a rate of 5 to 6m²/litre.

STORAGE & SHELF LIFE

Store **SpEC Bitprufe BLE 65** in sealed containers under shade, between 5 °C and 45 °C. Reseal partly used containers tightly after each use.

SpEC Bitprufe BLE 65 has a shelf life of 12 months when stored under favorable conditions.

HEALTH & SAFETY

Skin Contact Use gloves or barrier creams when

using the material. Clean hands and skin using hand cleaners, followed by washing with soap and water. Do not use solvents.

Eye Contact Wash with copious amounts of clean water and seek immediate medical treatment.

Inhalation Move the affected person away to fresh air. If discomfort continues, seek medical advice.

Ingestion Do not induce vomiting. Give copious amounts of water to drink and seek immediate medical advice.

Spillage Check the containers periodically for signs of leakage. Recant and discard damaged drums. Spilled material must be removed immediately using an inert, absorbent medium such as sand, and discarded in a safe place.

FLAMMABILITY

Keep away from open fire, sparks and other ignition sources.

FLASHPOINT

SpEC Black Bitumen Paint 32 °C

SpECtite Cleaning Fluid 34 °C

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