

HYDROPRUFE AC

Liquid Asphaltic Composition

DESCRIPTION

HYDROPRUFE AC is a high performance waterproofing liquid used as a dampproof membrane. It may also be used for waterproofing of basements and other substructures to provide protection up to Grade 3 as classified in BS 8102: 2022. It is supplied as a single component product and is cold applied to form a flexible water barrier.

USES

- Roofs (non-exposed)
- Basement Floor slabs
- Swimming Pools
- Planter Boxes
- Roof Gardens
- Tunnels
- Bridge Abutments
- Steelwork

ADVANTAGES

- Simple and rapid application
- Overcoat in 8 to 12 hours in well-ventilation conditions
- Can be applied to surface dry concrete without primer
- Provides protection of structures up to Grade 3 as classified in BS 8102:2022
- Compatible with a wide range of building materials

Property	Value
Form	Black Liquid
Specific Gravity	0.9
Non Volatile Content	34%
DFT of Coating	0.7mm

LIMITATIONS

- Hydroprufe AC should not be left uncovered for more than 28 days.
- Hydroprufe AC should always be covered by a cementitious screed if being subjected to negative hydraulic pressure.

PROCEDURE

Surface Preparation: New concrete, screed or render should have a brushed or wood float finish and should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods. Protrusions greater than 3mm should be removed. Existing concrete, screed or render should be well prepared to provide a dense, defect free substrate. Brickwork, blockwork and masonry should be flush pointed. Steelwork should be degreased and then abraded prior to application. All substrates should be dry.

Application: Hydroprufe AC should be applied with a stiff brush and worked into the surface at the recommended coverage rate. Hydroprufe AC applied to horizontal surfaces should be dressed up vertical walls and connected to the damp proof course installed in the walls. Hydroprufe AC should not be allowed to pool in depressions and should not be poured from the tin/drum directly on to the substrate. The first coat should be given 24 hours to dry. This time may extend if air temperature is low and ventilation poor. However,



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drying times can be assisted by the provision of a forced draft. The second coat must only be applied when the first coat is completely dry. When both coats forming the membrane have been applied, and it is completely dry, it should be covered with a minimum 50mm sand/cement floor screed. In locations where the membrane is likely to receive site traffic or come in contact with backfill material Hydroprufe Protection Boards should be installed over the membrane. Avoid exposing the membrane to UV light. Hydroprufe Protection Boards should be installed if exposure to UV light is expected to be over 25 days.

Curing: The typical curing time is 12 to 24 hours.

PACKAGING & COVERAGE

Pack Size: 5 ltr and 25 ltr packs

Coverage: 0.5 Litres per m² per coat. A 25 Litre pack will cover 25m² with the recommended two coat treatment.

STORAGE & SHELF LIFE

Store Hydroprufe AC away from direct heat or sunlight in cool dry conditions.

HEALTH & SAFETY

See separate material safety datasheet.