

# Hyprufe D.P.M

## Damp Proof Liquid Membrane

- For damp proofing floors and walls
- Suitable for external application below ground level
- Seamless damp proof coating
- Durable, long lasting
- Solvent free
- Coverage, approximately 1.0-2.25m<sup>2</sup> per litre

Colour	Product Code	Pack Size	Box Qty
Black	FBAQDPM5	5LTR	4
	FBAQDPM25	25LTR	1
	FBAQDPM200	200LTR	1



## Aquaseal Waterproofing Products

### Product Description

FEB AQUASEAL HYPRUFE D.P.M is a rubber/bitumen liquid emulsion with excellent adhesion which dries to a tough black seamless, flexible waterproof and vapour proof membrane.

### Typical Uses

- Tanking and Waterproofing structures: to provide an impervious waterproof membrane on concrete and brick.
- Floors: to provide a liquid applied damp-proof sandwich membrane in new construction.
- Walls: for interior and exterior walls.
- As an adhesive: for bonding wood blocks and insulation board, expanded polystyrene and to provide a key for plastering.

### Features & Benefits

- Jointless - FEB AQUASEAL HYPRUFE D.P.M forms a continuous, durable damp proof coating.
- Brush application - FEB AQUASEAL HYPRUFE D.P.M is quick and easy to apply by brush direct from the can.
- Solvent Free.

### Instructions for Use

**Priming:** All surfaces to which FEB AQUASEAL HYPRUFE D.P.M is applied must be sound, stable, with an even finish and free from dirt, dust, loose debris, grease, etc. It may be applied to damp but not waterlogged surfaces. Hot, very dry or porous surfaces should be dampened with water before FEB AQUASEAL HYPRUFE D.P.M is applied.

**Application:** Stir well before use. FEB AQUASEAL HYPRUFE D.P.M may be applied by brush or squeegee. FEB AQUASEAL HYPRUFE D.P.M is not resistant to rain until it has fully dried.

### WATERPROOFING & PROTECTIVE COATING OF STRUCTURES

#### Foundations, Retaining Walls and Bridge

**Abutments:** FEB AQUASEAL HYPRUFE D.P.M may be applied to green concrete immediately after shuttering has been removed. The FEB AQUASEAL

HYPRUFE D.P.M treatment should meet the damp-proof course provided in the base or wall. Two coats should be applied, the first at 2m<sup>2</sup>/litre, the second at 2.25m<sup>2</sup>/litre. The first coat should dry before applying the second. Before back filling, while the final coating is still tacky, a layer of building paper should be applied in order to protect it from damage. Then allow two days to elapse before back filling.

**Concrete Beams and Columns:** FEB AQUASEAL HYPRUFE D.P.M may be used to provide a vertical or horizontal damp-proof membrane on concrete beams and columns before they are clad with masonry or brickwork. Two coats of FEB AQUASEAL HYPRUFE D.P.M should be applied, the first at 2m<sup>2</sup>/litre, the second at 2.25m<sup>2</sup>/litre.

**Tanking and Damp proofing Structures below Ground Level:** Internal treatment with FEB AQUASEAL HYPRUFE D.P.M can be an effective means of preventing the ingress of dampness but it is unlikely to resist exposure to free water or water pressure.

**FLOORS: As a Sandwich Membrane in New Construction:** Two coats at the specified rates can give a dried film thickness of at least 0.6mm to comply with BS Code of Practice 102. Brush the first coat of FEB AQUASEAL HYPRUFE D.P.M onto the smooth and clean concrete sub-floor at the rate of 1m<sup>2</sup>/litre and allow to dry thoroughly. The second coat is then applied at 1m<sup>2</sup>/litre.

Blind with clean sand while tacky as a protection against foot traffic and to provide a good key for the top screed. Allow to dry thoroughly. The top finishing screed should be at least 50mm thick.

**WALLS:** FEB AQUASEAL HYPRUFE D.P.M may be used very effectively to treat walls where damp is penetrating. However, if rising dampness is suspected, the best method of prevention will be repair of the DPC or insertion of a new DPC.

#### Interior Walls with Extreme Dampness:

The plaster should be hacked back to expose the brickwork over the whole area. Any damage to the brickwork and mortar joints should be made good with cement mortar. Three coats of FEB AQUASEAL HYPRUFE D.P.M at 2.25m<sup>2</sup>/litre approximately should be applied, allowing each one to dry completely before the next is applied. The final coat should be blinded with clean sharp sand while still "tacky" and allowed to dry.

#### Coverage

(For Guidance Only) 1.0 – 2.25m<sup>2</sup> per litre approx. depending on application and substrate.

#### Storage

FEB AQUASEAL HYPRUFE D.P.M may be permanently damaged by frost. Store at temperatures in excess of 5°C.

#### Shelf Life

Minimum 12 months if stored in accordance to manufacturer's instructions.

### Performance Data

<b>Specific Gravity @ 20°C</b>	Approx 1.01
<b>Composition</b>	Thixotropic cold applied bitumen emulsion with added rubber latex
<b>Surface Temperature Limits</b>	Between -4°C and 40°C
<b>Solids Content</b>	60% ± 1%
<b>Viscosity</b>	1200 CPs
<b>Tack Free</b>	1 - 2 hours dependent on ambient temp + humidity

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