

## Hydraseal DPM

### Description

A 2 component, solvent free, epoxy resin, liquid applied surface damp proof membrane.

### Uses

Allows immediate installation of moisture sensitive floor finishes onto concretes and screeds which have a moisture content up to 99% Relative Humidity.

### Benefits

- Reduces project timescale.
- Impervious to water.
- Excellent adhesion to concrete & screeds.
- Tolerates up to 99% Relative Humidity in the concrete or screed substrate.
- Easy to apply.
- Contrasting colour coats allow for visual control of Hydraseal membrane uniformity in laying.
- Solvent free; low odour.

### Colour

Supplied in two colours, red for first coat and yellow for second coat.

### Density

Component A approx. 1.43 kg/l  
Component B approx. 0.98 kg/l  
A+B approx. 1.33 kg/l.

### Packaging

Available in 10kgs composite pack, consisting of Base A and Hardener B.

### Coverage

First coat, red, (0.3kg/m<sup>2</sup>)  
Second coat, yellow, (0.2kg/m<sup>2</sup>)

2kg/m<sup>2</sup> 40-80 mesh (for screed applications only).

### SPECIFICATION

#### Surface Preparation

By mechanical means – see Flowcrete specification.

#### Mixing

By drill and helical spinner – see Flowcrete specification.

#### Application

By squeegee and roller – see Flowcrete specification.

### Physical Properties

	20 °C	30 °C
Pot Life	40 mins	20 mins
Light Traffic	18 hrs	16 hrs
Full Traffic	48 hrs	32 hrs
Full Cure	7 days	5 days

Porosity Nil (Karstner method)

Bond strength > cohesive strength of concrete  
MVT < 5 gms/m<sup>2</sup>/24 hours

Moisture Vapour Transmission

Independent test certificate available upon request

### Temperature

Hydraseal DPM should not be applied at material or floor temperatures below 10°C. Temperatures should not fall below 5°C in the 24hrs after application.

### Overlaying

See Flowcrete specification.

### Storage & Shelf Life

Stored unopened in dry conditions at 10 - 30°C, shelf life will be 12 months minimum.

### NB

If materials are stored for more than 1 month without movement, some settlement in Base components can occur. It is recommended that the contents are turned 180 degrees from top to bottom every month during storage.

### Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from Flowcrete on request and sent with each delivery.

**Substrate Requirements**

- Must be of sufficient strength to support loads applied through the topping.
- All contamination must be removed to give a clean dry textured surface.

**Substrate Treatments**

To re-strengthen and restore weak toppings or joints use Flowcrete PHS. If moisture content is above 75% RH as per BS8203, use Hydraseal DPM Surface Damp Proof Membrane.

**Repairs**

All damaged areas of floor should be made good and up to level with Flowtex F1 Mortar applied over wet Hydraseal DPM.

**Surface Imperfections**

Imperfections should be repaired with Epoxy Scratch coat.

**Substrate Movement**

All moving joints must be carried through the Hydraseal DPM and properly sealed. Construction joints and cracks may be covered but if substrate movement occurs, the Hydraseal DPM will reflect the crack.

**Further Information**

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

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