

Hydraseal DPM

A solvent and water free, liquid applied, epoxy surface damp proof membrane designed to withstand moisture vapour from substrates.

Hydraseal DPM

Allows immediate installation of moisture sensitive floor finishes onto substrates with a moisture content of up to 100% RH.

Hydraseal One Coat

Allows immediate installation of moisture sensitive floor finishes onto substrates with a moisture content of up to 85% RH.



Combats Moisture:

Tolerates up to 100% Relative Humidity in the concrete or screed substrate.



Time Saving:

Reduces Project timescales by allowing earlier installation of floor finishes.



Excellent Adhesion:

Provides a secure bond to concrete and screed substrates.



Solvent Free:

Solvent free, low in VOCs and environmentally friendly.



Easy to Apply:

Coloured coats allows visual control of the membrane uniformity whilst laying.

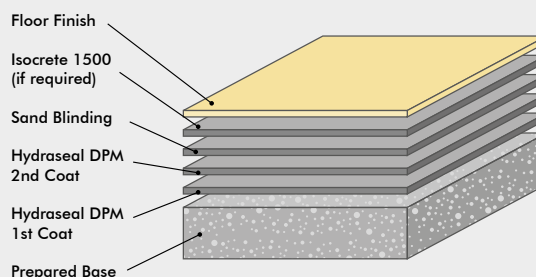


Versatile:

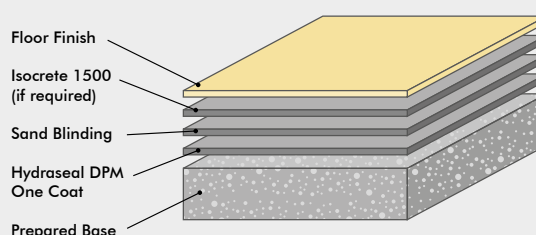
Suitable for either heavy duty industrial or light duty commercial applications.

System Design

Typical Section Through Hydraseal DPM



Typical Section Through Hydraseal One Coat



Technical Profile*

WATER VAPOUR TRANSMISSION RATE

EN ISO 7783-2	1g/m ² /24 hrs
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PERMEABILITY TO WATER VAPOUR

EN ISO 7783-2	4.4mg/m ² /h/mm (Hg)
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COMPRESSIVE STRENGTH

BS 6319	50 N/mm ²
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FLEXURAL STRENGTH

BS 6319	20 N/mm ²
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TENSILE STRENGTH

BS 6319	15 N/mm ²
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BOND STRENGTH

Greater than cohesive strength of 25 N/mm² concrete. >1.5 MPa

SPEED OF CURE

	10 °C	20 °C	30 °C
Pot Life	60 min	35 min	20 min
Light Traffic	24 h	18 h	12 h
Full Traffic	72 h	48 h	36 h

* These figures are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Model Specification

System	Hydraseal DPM
Thickness	0.5mm (approx.)
Details	2 coat surface DPM to be supplied and laid on a sound shotblasted and vacuum cleaned in situ concrete slab.
Manufacturer	Flowcrete Asia

System	Hydraseal One Coat
Thickness	0.3mm (approx.)
Details	One coat moisture suppressant, to be supplied and laid on a sound shotblasted and vacuum cleaned in situ concrete slab (not exceeding 85% Relative Humidity).
Manufacturer	Flowcrete Asia

Preparatory work and application in accordance with manufacturer's instructions.

Note: Hydraseal DPM is not designed to resist hydrostatic water pressure. In such circumstances external tanking or pressure relief, by e.g. directed drainage, must be provided to the structure.

Products Included In This System

System	Hydraseal DPM
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Detailed application instructions are available upon request.

Substrate Requirements

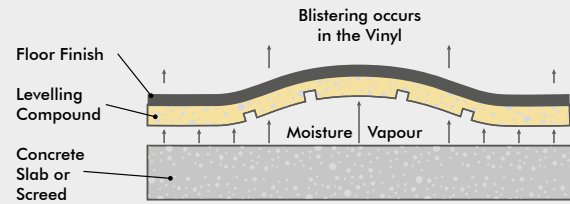
Concrete or screed substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be surface dry before the application of Hydraseal DPM.

Overlying

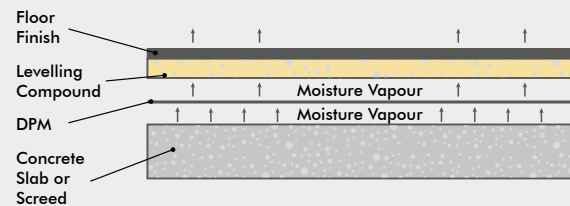
Resin floor finishes can be laid directly onto Hydraseal DPM. If there is no sand blind applied to the Hydraseal DPM, then the resin floor finish should be applied within 24 hours of the application of the Hydraseal DPM.

For direct bonding to Hydraseal DPM, the adhesive manufacturer should be consulted to determine if a sanded or unsanded finish is required.

Moisture Effects Without a DPM



Moisture Effects With a DPM



Installation Service

The installation should be carried out by a licensed contractor with a documented quality assurance scheme. For details of our licensed contractors, contact our customer service team or enquire via our website at www.flowcreteasia.com

Environmental Considerations

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs, maintenance and cleaning. Environmental and health considerations are controlled during manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Important Note

Flowcrete products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages.

Further Information

To ensure you are specifying a fit-for-purpose floor, please consult our Technical Advisors or visit our website to register your interest in specifying one of the most durable floors on the market.

1. Light colours may require additional coats to achieve desired results. 2. It is recommended that top coat colours are close to base coat colours to achieve desired results. 3. This product is not UV stable and may discolour unless otherwise stated. 4. System Data Sheet to be read in conjunction with Method Statement and Product data Sheets.

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