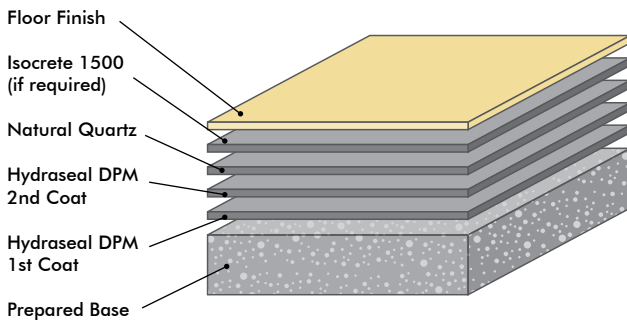


Hydraseal DPM (Surface Damp Proof Membrane)

Typical Section Through Hydraseal DPM



Description

Hydraseal DPM is a solvent and water free, epoxy resin, liquid applied surface damp proof membrane. Designed to withstand moisture vapour from substrates.

Uses

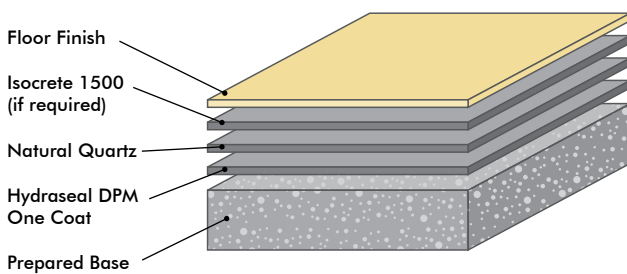
Hydraseal DPM

Allows immediate installation of moisture sensitive floor finishes onto concrete and cementitious screeds which have a moisture content of up to 100% Relative Humidity.

Hydraseal One Coat

Allows immediate installation of moisture sensitive floor finishes onto concrete and cementitious screeds which have a moisture content of up to 85% Relative Humidity.

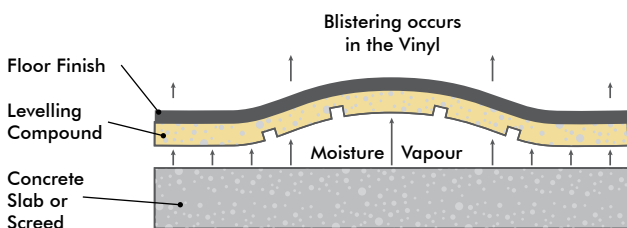
Typical Section Through Hydraseal One Coat



Benefits

- Reduces project timescale, allows early installation of floor finishes
- Impervious to water
- Excellent adhesion to concretes and screeds
- Tolerates up to 100% Relative Humidity in the concrete or screed substrate
- Easy to apply
- Solvent free, low odour
- Excellent gap filling properties
- Contrasting colour coats allows for visual control of the membrane uniformity whilst laying
- Can be used for either heavy duty industrial or medium to light duty commercial applications

Moisture Effects Without a DPM



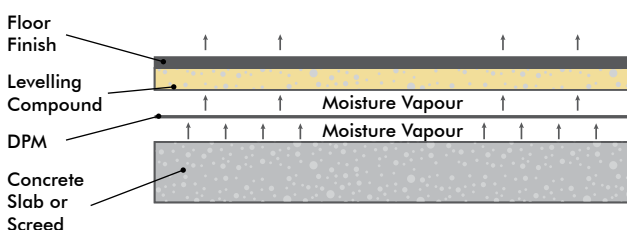
Project References

Available on request.

Colours

First Coat: Red
Second Coat: Yellow

Moisture Effects With a DPM



Model Specification

Product: Hydraseal DPM
Preparatory work and application in accordance with suppliers instructions.

Manufacturer: Flowcrete Middle East FZCO
Telephone : Customer Service +971 4 886 4728

Hydraseal DPM

Thickness: 0.5mm (approx.)
2 coat surface dpm to be supplied and laid on a sound shotblasted and vacuum cleaned in situ concrete slab.

Hydraseal One Coat

Thickness: 0.3mm (approx.)
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).

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.

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.

Products Included in this System

Hydraseal DPM

Detailed application instructions are available upon request.

Installation Service

The installation should be carried out by a Flowcrete approved applicator with a documented quality assurance scheme. Obtain details of our approved contractors by contacting our customer service team or enquiring via our website at www.flowcrete.ae

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 the manufacture and application of the products by Flowcrete staff and fully trained and experienced contractors.

Focus on the Floorzone

Flowcrete Middle East FZCO is a division of the Flowcrete Group, world leaders in specialist industrial and commercial flooring. Systems available include: underfloor heating systems, floor screeds, surface damp proof membranes, decorative floor finishes, seamless terrazzo, car park deck waterproofing and corrosion protection systems... to name just a few. Our corporate objective is to satisfy your flooring needs.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20°C and at 50% Relative Humidity.

Vapour Permeability	5 gms / m ² / 24 hrs (ASTM E96:90)
Water Permeability	Nil – Karsten test (impermeable)
Compressive Strength	50 N/mm ² (BS6319)
Flexural Strength	20 N/mm ² (BS6319)
Tensile Strength	15 N/mm ² (BS6319)
Bond Strength	Greater than cohesive strength of 25 N/mm ² concrete. > 1.5 MPa.

Speed of Cure (per layer)

	10°C	20°C	30°C
Light Traffic	60 mins	35 mins	20 mins
Full traffic	24 hrs	18 hrs	12 hrs
Full chemical cure	72 hrs	48 hrs	36 hrs

Overlaying

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.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

Further Information

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