

Highly moisture tolerant, epoxy resin damp proof system

## weberfloor DPM



### Uses

- For application onto concrete and cement based levelling compounds
- Suppresses the passage of moisture up to 98% RH

### About this product

**weberfloor DPM** is a highly moisture tolerant, epoxy resin damp proof system, especially designed to bond to concrete surfaces even when the concrete is still drying out and containing a high degree of moisture.

**weberfloor DPM** is an effective moisture suppressant membrane for over sealing cementitious surfaces which contain high levels of residual moisture. New concrete or screed must be left for a minimum of 7 days before application of the membrane. Rough or uneven surfaces should be levelled before applying **weberfloor DPM** and this should be left a minimum of 24 hours to dry before applying the DPM. Power floated subfloors should be shot blasted before application of **weberfloor DPM** to assist adhesion.

**weberfloor DPM** permits early overlaying with vinyl, carpets and resin based products without the conventional 'drying out' period being observed for concrete bases.

### Features and benefits

- ▲ Two-coat system
- ▲ Easy to apply
- ▲ Reduces project timescale, allows early installation of floor finishes
- ▲ Can be used down to 5°C, allowing work to continue during winter
- ▲ Resistant to a wide range of chemicals

### Technical data

All tests carried out at 20°C at 7 days

	Test method	
Adhesion to concrete	BS EN 1542:1999	*3.9 N/mm <sup>2</sup>
Bond to new concrete		* > 2.5 N/mm <sup>2</sup>
Pot life of 1 litre		10 – 12 minutes
Average coverage per pack**		7.5m <sup>2</sup> over 2 coats
Minimum temperature use		5°C

\* Failure of substrate concrete

\*\* Coverage may vary depending on roughness of concrete

# weberfloor DPM

## Preparation

**weberfloor DPM** can be applied on substrates such as concrete and cement based levelling compounds. All surfaces must be mechanically sound, dry and clean, i.e. free from dirt, dust, grease or other contamination or coating. Laitance must also be removed from concrete.

After 12 hours, or overnight, the floor should be brushed and vacuumed to remove any loose sand particles.

It should then be primed using **weberfloor 4716** primer and is then ready to receive a **Weber** levelling compound.

## Mixing

Although **weberfloor DPM** can be used at lower temperatures, it is recommended that it is stored overnight at a minimum temperature of 15°C prior to mixing and application. In hot climates, store overnight in air-conditioned storage.

Pour resin into a clean, dry bucket. Add hardener and mix, using a drill and paddle, at a slow speed until a uniformly clear consistency is obtained.

Once mixed pour into roller tray to prolong pot life.

## Cleaning

All equipment should be cleaned with **webertec solvent** before the material sets

## Packaging

**weberfloor DPM** is supplied in 5.6kg packs.

Each pack contains:  
1 tin containing resin  
1 bottle containing hardener.

## Storage and shelf life

Shelf life is at least 12 months when it is kept unopened, in proper storage conditions in a cool, dry area.

## Application

**weberfloor DPM** should always be applied in two coats.

Immediately after mixing, spread **weberfloor DPM** onto the substrate using a brush or roller. Spread the mix evenly and uniformly over the entire substrate.

The second coat should be applied after the first coat has partially cured; this is approximately 6 to 8 hours, depending on ambient temperature.

Apply the second coat evenly and uniformly at right angles to the first coat to ensure full coverage of the substrate.

**Note:** Do not leave the first coat longer than 24 hours before re-coating.

Immediately after application of second coat cover **weberfloor DPM** in a full sand scatter, using 1 – 2 mm kiln dried sand.

## Health and safety

Contains epoxy constituents. Refer to information supplied by manufacturer (see Material Safety Data Sheet).

All skin contact with epoxy resin products should be avoided. Barrier creams should be used and operatives should wear protective clothing including gloves. Working areas should be well ventilated.

The hardener content is alkaline and labelled as corrosive. The resin content is labelled as an irritant. The flash point of all components is in excess of 100°C. In the event of fire use foam, dry chemical, carbon dioxide (CO<sub>2</sub>) or water fog extinguishers.

**For further information, please request the Material Safety Data Sheet for this product.**

### Technical services

**Weber's** Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

**Technical helpline**  
Tel: 08703 330 070  
e-mail: technical@netweber.co.uk

### Sales enquiries

**Weber** products are distributed throughout the UK through selected stockists and distributors. Please contact the relevant Customer Services Team below for all product orders and enquiries.

**UK and Ireland**  
Tel: 08703 330 070  
Fax: 0800 014 2995  
e-mail: sales@netweber.co.uk

**Saint-Gobain Weber**  
Dickens House, Enterprise Way, Maulden Road, Flitwick, Bedford MK45 5BY, UK  
Tel: 08703 330 070 Fax: 0800 014 2995 e-mail: mail@netweber.co.uk  
www.netweber.co.uk

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Products are sold subject to our Standard Conditions of Sale and the end user should ensure that he has consulted our latest literature.