

# RAPID SET DPM

## DAMP PROOF MEMBRANE



TRADE QUALITY YOU CAN TRUST

### SETCRETE™ RAPID SET DPM

Solvent free, two part epoxy resin damp proof membrane. Suppresses residual construction moisture and rising damp in flooring installations, in one application.



- ONE COAT APPLICATION SYSTEM
- 3 HOUR CURING TIME
- ALLOWS EARLY INSTALLATION OF FLOORCOVERINGS IN FAST TRACK PROJECTS
- COLOUR PIGMENTED TO AID COVERAGE UNIFORMITY



**SETCRETE™ RAPID SET DPM** is a solvent free, two part epoxy resin system which cures to provide a damp proof membrane. SETCRETE™ RAPID SET DPM provides a barrier to residual construction moisture and rising damp, preventing moisture from adversely affecting subsequent floorcovering installations. The product is applied in one coat and has a curing time from just 3 hours, allowing early installation of floorcoverings in fast track building programmes.

#### Base Preparation

Subfloors must be absorbent, sound, smooth, clean, surface dry and free from dust, adhesive residues and other contaminants, which will prevent adhesion or deteriorate in damp conditions. Bases must be fully cured and laitance, surface hardeners, curing membranes and waterproofer must be mechanically removed.

The floor temperature must be above 10°C when the membrane is applied.

New concrete or sand/cement screeds must be left for a minimum of 7 days before applying the membrane. Rough or uneven concrete should be prepared with SETCRETE™ 2K PRO floor levelling compound to provide a smooth surface and improve coverage of the membrane. Contact Technical Service for further guidance. Damaged concrete or sand/cement screeds must be repaired with SETCRETE™ RAPID SET REPAIR MORTAR and allowed to dry for 24 hours before applying the membrane. Joints around bays in the subfloor where continual differential movement of the base is not anticipated, or small hollows may be filled with SETCRETE™ RAPID SET DPM mixed with clean, dry sand and allowed to fully cure before applying the membrane.

#### Coverage

A 7kg unit of SETCRETE™ RAPID SET DPM will cover approximately 12.5m<sup>2</sup>.

#### Packaging

7kg kit

The resin and hardener are supplied in the correct quantities for mixing without measuring.



#### Technical Information

Colour	Black
Coverage	1.8m <sup>2</sup> /kg. A 7 kg unit will cover approximately 12.5m <sup>2</sup>
Working Time	30 minutes at an ambient temperature of 20°C
Cure Time	Approximately 3 hours at an ambient temperature of 20°C



### **Mixing**

Empty all the contents of the Hardener container into the Resin container and thoroughly mix using a power whisk fitted in a low speed electric drill, until a uniform colour and consistency is achieved. Mix for 2 minutes, scrape the sides of the container and then mix for a further 2-3 minutes.

SETCRETE™ RAPID SET DPM hardens by chemical reaction. It is important that once mixed the membrane is applied immediately to the subfloor.

### **Application**

Pour the product onto the prepared floor immediately after mixing. Spread the membrane using a notched spreader (supplied in kit) to achieve the correct coat weight of 1.8m<sup>2</sup> per kg. Using a pre-coated roller, roll the material to obtain an even, pinhole free coating, ensuring the coverage rate is not exceeded. The DPM should be applied over the whole floor and up to the DPC in the wall.

It is essential that the membrane hardens to form a continuous coating, free from pinholes or weak spots and that it has a glossy black finish over the whole surface. When applied to very absorbent surfaces, the membrane can be absorbed into the subfloor leaving a subdued shine. In such instances or where pinholes and weak spots are evident, a second application will be required.

When the membrane has fully cured and is tack-free apply neat SETCRETE™ ACRYLIC PRIMER, and allow to dry, before applying the appropriate SETCRETE™ Floor Levelling Compound.

### **Precautions**

Mix only in full packs as mixing ratios are critical. Failure to ensure that all of the resin and hardener is completely mixed prior to application will leave patches of soft uncured material on the floor and render the membrane ineffective.

Construction joints designed to allow movement of subfloor must not be bridged with SETCRETE™ RAPID SET DPM. These joints must be sealed with a suitable impervious flexible jointing compound after the application of the membrane. Do not store products above 30°C prior to mixing as this will shorten the normal working times.

Do not use over calcium sulphate screed subfloors.

The substrate must be at least 3°C above the dew point to reduce the formation of condensation that can adversely lead to failure between the membrane and the primer/levelling compound. Once application is complete, ensure the room is secure to prevent accidental trafficking of the membrane before it is fully cured.

### **Underfloor Heating**

It may be possible to use this product where an underfloor heating system is present. Please consult our Technical Service Department for further advice.

### **Tools**

Notched spreader (supplied in kit) and paint roller.

### **Storage**

Store in unopened containers between 5°C and 30°C. Use within 18 months of date of manufacture.

### **Health and Safety Advice**

This product is classified. Obtain the relevant Safety Data Sheet and follow the advice given.

These can be found at [www.setcrete.co.uk](http://www.setcrete.co.uk) alternatively they can be obtained from the point of purchase or from F. Ball and Co. Ltd. at the address below.

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**For further information or technical assistance about SETCRETE™ products and to confirm this data sheet is current, please contact Technical Service Department.**

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