



## Euro Polymers (GB) Ltd.

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## Product Profile No.7

### EUROGARD DPM

#### Liquid Applied Damp Proof Membrane

EUROGARD DPM IS A  
LIQUID APPLIED  
EPOXY RESIN  
COATING,  
WHICH FUNCTIONS  
AS A RESIDUAL  
CONSTRUCTION  
MOISTURE  
REPRESSANT, TO  
ALLOW THE EARLY  
INSTALLATION OF  
MOISTURE  
SENSITIVE  
FLOORING

Applied By;



#### 1. Applications

- Surface Damp Proof Membrane
- Concrete Moisture Suppressant
- Damp Tolerant Concrete Primer

#### 2. Cost Benefits

- Simple and rapid application.
- Rapid Cure even at low temperatures.
- Color coded application providing visual assurance of application.

#### 3. Guaranteed Durability

Eurogard DPM is impervious to water, and when subjected to normal service conditions, will provide an effective barrier to the transmission of liquid water and water vapour, for the design life of the structure in which it is incorporated.

Eurogard DPM has excellent adhesion to correctly prepared substrates. Once installed Eurogard DPM will provide excellent resistance to mechanical and chemical damage.

#### 4. Typical Physical & Performance Data

Form	2 Component Epoxy Coating
Specific Gravity	1.10
Non Volatile Content	100%
Coverage Rate	0.30Lt / m <sup>2</sup> / Coat (2 coats)
DFT of Coating	0.25mm / Coat
Curing Time	6 to 8 hours
Overcoat Time	6 to 8 hours
Adhesive Strength	3.6N/mm <sup>2</sup>
Application Temperature Limits	2 to 35°C
Chemical Resistance	Excellent
Shelf Life	12 Months
Pack Sizes	5 & 15Kg

For specific advise on Chemical Resistance. Contact Euro Polymers Technologies Ltd.

## 5. Installation

### Substrates

- New concrete should be free from contamination by any material which could impair adhesion. All surface defects should be repaired by approved methods. Protrusions greater than 3 mm should be removed.
- Suitable mechanical treatments such as vacuum grit blasting are recommended to ensure the removal of contaminants and to provide a key for Eurogard DPM.
- Moisture Testing of the substrate in accordance with BS 8203, shall be carried out on new concrete floors. A sub floor moisture content of 97% RH can be accommodated by Eurogard DPM. If the readings exceed this figure, then the floor must be allowed to dry out further.
- All substrates should be surface dry, and free from standing water prior to the application of Eurogard DPM.

### Application

Eurogard DPM is supplied in pre-weighed units consisting of individually packed base and reactor. Units should never be split or divided. Ensure that the entire contents of both units are mixed thoroughly to a uniform colour using a slow speed drill and mixing paddle. Clean mixing paddle between each batch. Never attempt mixing at temperatures below 5°C as this will impair or halt the curing process. The product is always applied in 2 equal coats, (red first,) allowing the first coat to cure thoroughly. Initial curing is complete after 6 hours at 20°C, but this will be extended at lower temperatures, and reduced at higher temperatures. Apply using a stiff brush or sheepskin disposable rollers. Clean tools using Hydrocarbon solvent.

Blind the second coat of Eurogard DPM with a suitable dry silica sand immediately after the application to provide a wearing surface or a adequate bond for subsequent materials. Consult Euro Polymers for specific advice.

### Coverage Rates

Eurogard DPM 1st Coat (Red)	0.33 litres/m <sup>2</sup> /Coat
Eurogard DPM 2nd Coat (Grey)	0.25 litres/m <sup>2</sup> /Coat

## Euro Polymers International

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