



# VOLSHEET DPC

## PITCH FREE DAMP PROOF COURSE

### DESCRIPTION

Volsheet DPC is a Pitch and Bitumen free, high performance thermoplastic polymeric Damp Proof Course, using the most recent advances in polymer technology.

### APPLICATIONS

Volsheet DPC is designed to be compatible with all commonly used building materials and can provide horizontal, vertical or stepped Damp Proof Courses in cavity or solid masonry walls.

### ADVANTAGES

The advantages of Volsheet DPC are that it contains no Pitch and is flexible at low temperatures; it is resistant to ageing and shrinkage and can withstand high loads. The bond achieved between the mortar and the Volsheet DPC is greater than the bond between mortar and brick. Volsheet DPC is also resistant to hydrocarbons.

### INSTALLATION

Volsheet DPC should be installed in accordance with the good practice recommendations as conveyed in the relevant clauses of the BS 5268: part 3 2001, BS8000: part 3 1989 and BS 8215:1991.

In particular, the following installation guidelines should be adhered to:

- DPCs must extend through the full width of the wall, and should not be bridged by mortar or surface finishes. DPCs should protrude beyond the external face by a minimum of 5mm.
- DPCs must be bedded on both faces with an even bed of wet mortar.
- DPCs used as Cavity trays should be stepped down a minimum of 150mm from inner to outer leaf.
- All laps should be a minimum of 100mm and fully sealed using CETCO RX Butyl Bonding tape – double sided, self adhesive butyl tape.

### LIMITATIONS

Volsheet DPC is not available in colours other than black. Volsheet DPC should not be used as an insulated DPC unless used in conjunction with a suitable insulation which complies with the specification requirements.

### CLEANING

Volsheet DPC can be wiped down with a clean damp cloth prior to application to remove any dust/contamination, which if stored correctly, should be minimal. In accordance with relevant clauses from BS codes of practice, mortar splots should be cleaned away before they have time to harden.



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### TECHNICAL DATA

Water Vapour Permeability	0.28 m <sup>2</sup> day <sup>-1</sup>
Water Vapour Transmission	733 MNsg <sup>-1</sup>
Water Absorption	0.22 % - BS2782: 430A
Cold Flex Temperature	-60°C – BS2782: 320A
Tensile Strength	longitudinal 12.9 Nmm <sup>-2</sup> BS2782: 320A transverse 11.2 Nmm <sup>-2</sup> BS2782: 320A
Elongation at break	longitudinal 415 % BS2782: 320A transverse 582 % BS2782: 320A
Tear Strength	longitudinal 122Nmm <sup>-1</sup> BBA Method transverse 96 Nmm <sup>-1</sup> BBA Method
Low Temperature Flexibility	longitudinal <-25 MOAT 27: 5.4.2 transverse <-25 MOAT 27: 5.4.2
Dimensional Stability	longitudinal -2.0 % MOAT 27: 5.1.6 transverse -0.3 % MOAT 27: 5.1.6
Mortar Adhesion Test	Pass (Ceram method)

### Coverage

Coverage rate is dependant upon usage and site requirements.

### STORAGE

Volsheet DPC is delivered in rolls secured with a paper wrapper. Rolls must be stored on end and under cover.

### HEALTH & SAFETY

There are no Health and Safety implications in the normal use of this product.

### NOTES

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee.

Further information is available from our Technical Department.

### SIZE & PACKAGING

#### Materials Supplied

- 650mm X 20m rolls  
(13.4Kg approx weight)
- 1000mm X 20m rolls  
(17.6Kg approx weight)



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