

VOLSHEET DPC

HIGH PERFORMANCE POLYMERIC DPC

DESCRIPTION

VOLSHEET DPC is a high performance polymeric Damp Proof Course (DPC). The product does not contain pitch or bitumen.

APPLICATIONS

VOLSHEET DPC is designed to be compatible with commonly used building materials and can provide horizontal, vertical or stepped Damp Proof Courses in cavity or solid masonry walls. VOLSHEET DPC is flexible at low temperatures, is resistant to ageing, shrinking and hydrocarbons, and is designed to withstand high loads. The bond achieved between cementitious mortar and VOLSHEET DPC is greater than the bond between mortar and brickwork.

INSTALLATION

Preparation and cleanliness

All surfaces should be clean, dry and free from frost, grease and loose materials. Remove surplus mortar from joints on cavity faces as the work proceeds. Keep cavities, ties and VOLSHEET DPC free from mortar and debris.

Application

VOLSHEET DPC should be installed in accordance with the relevant clauses of BS 5628: part 3 2005, BS8000: part 3 2001 and BS 8215:1991.

In particular the following installation guidelines should be adhered to:

- VOLSHEET DPC must extend through the full width of the wall, and should not be bridged by mortar or surface finishes. VOLSHEET DPC should protrude beyond the external face by a minimum of 5 mm
- VOLSHEET DPC must be bedded horizontally on both faces with an even bed of wet mortar.
- VOLSHEET DPC used to form cavity trays should be stepped down a minimum of 150 mm from inner to outer leaf.
- All laps should be a minimum of 100 mm and fully sealed using DS100 double-sided butyl tape used in accordance with written literature.
- Where used vertically in cavities, as tanking to Damp Proof Course ground level detail, the VOLSHEET DPC is best applied

against the external face of the internal leaf; well supported by lean mix concrete infill (and /or rigid insulation) to 75 mm below ground level.

VOLSHEET DPC should be wiped down with a clean damp cloth prior to application to remove any dust/contamination, which if stored correctly should be minimal. Alternatively heavily soiled VOLSHEET DPC can be quickly surface cleaned with an isopropyl solution, being careful not to prolong the contact between the VOLSHEET DPC and Isopropyl.

Upon completion, excess mortar should be removed from brick surfaces and VOLSHEET DPC.

PACKAGING

VOLSHEET DPC is supplied in two roll sizes; 650 mm x 20.0 m and 1.0 m x 20.0 m.

VOLSHEET DPC rolls must be stored 'on end' and in dry conditions.

TECHNICAL DATA	
MATERIAL PROPERTIES	NOMINAL VALUE
Thickness (mm)	0.85
Mass (kg/m ²)	0.83
Watertightness (2 kPa)	Pass
Durability (Artificial Ageing)	Pass
Durability (Alkali)	Pass
Resistance to Low Temperature (°C)	-40
Resistance to Impact (mm)	250
Resistance to Static Loading (kg)	20

