

## TECHNICAL INFORMATION SHEET



### DPC INJECTION CREAM & GUN –Code :BD2

#### Description

A blend of silane/siloxane cream emulsion that reacts with moisture to form a highly effective hydrophobic barrier against rising damp in masonry structures. Produced as a viscous cream that remains within the drilled hole and does not leave unsightly staining.

**Form Supplied:** Viscous cream

**Pack Sizes:** 600cc foil sausage+

**Colour Range:** White

**Contains:** Silane/Siloxane

**BBA Certificate:** 05/4251

#### Properties

Simple and easy to install. Supplied in 600cc foil sausage+ with a special Bulk Injection Gun available. The cream is inserted into mortar beds; one full pull on the trigger will insert sufficient cream for one 12 mm hole in 4½-inch brickwork, two pulls of the trigger for 9-inch brickwork etc.

#### Preparation

Replastering, isolating vertical DPCs and associated tanking should be installed to relevant Code of Practice or to Remtox Specification.

Normally the damp proof course is inserted into the mortar bed at perpendicular joints and along the joint at 120 mm (maximum) centres at a minimum of 150 mm above external ground level, taking into consideration any changes in ground level.

Drill 12 mm holes to a depth of 15-20 mm from the opposite face. It is essential to remove the bore dust before filling the cavity with Remtox DPC Cream. A hole buffer+ is available for this. If using the 600 cc sausage+ then first pull the piston fully back and remove the nozzle. Make an incision at the top of the foil and insert the sausage+ into the piston chamber and reattach the nozzle.

Solid brick walls can be drilled from one side only to the prescribed depth. Cavity walls can be treated separately by drilling each leaf, at the same height, as for solid construction walls.

If required cavity walls may be treated in a single operation by drilling through one leaf, passing through the cavity and drilling into the second leaf to the required depth. The Remtox DPC Cream can then be inserted into the opposite leaf through the cavity, with the viscosity of the product allowing the first leaf to be treated without the material running out.

Drill holes should be capped off with a sand cement mix incorporating a waterproofing additive.



The vagaries of random/infilled stone walls make them more difficult to treat but it is possible taking the following precautions. Select an appropriate mortar course and following this drilling into the intersections, at a maximum of 120 mm centre, but reducing this where necessary. Where there is a danger of rubble falling and blocking injection holes then the wall should be drilled from both sides, at the same height to half the depth of the wall thickness. It is problematical to install the DPC into this type of construction and consideration should be given to applying K11 Grey slurry on the internal wall to a minimum of 1.5 metres above external ground level. Specification Tech H8 for using Sovereign Heyco® K11 Grey in lieu of a DPC is available from Sovereign Technical Department.

### **Safety Precautions**

Avoid skin and eye contact. Handle only when wearing protective clothing. Wash splashes from the skin with soap and water, flush eyes with copious amounts of water and seek medical attention if irritation persists. For full health and safety information see Safety Data Sheet reference number SDS 221.

### **Cleaning**

Clean tools and equipment with soapy water.

### **Shelf Life:**

*A minimum of 12 months stored between +5°C and +25°C. This product must be kept in a heated storage area.*

NB. \*Application rates for porous, rubble or highly absorbent masonry may vary.

Wall thickness	4 <sup>1/2</sup> " 110mm	9" 220mm	13 <sup>1/2</sup> " 330mm	18" 440mm
Borehole diameter	12mm	12mm	12mm	12mm
Borehole depth	100mm	200mm	310mm	420mm
Application rate per 10 m wall length	1½ sausages	3 sausages	5 sausages	6½ sausages

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee\*, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that product, techniques and codes of practice are under constant review and changes occur without notice. Please ensure you have the latest updated information.

### **Guarantees\***

When installed by a Remtox/Sovereign Approved Contractor long term 30-year protection scheme guarantees are available. Thereafter should the original contractor become bankrupt, deceased or cease to trade, then Sovereign Chemicals Ltd will accept liability for workmanship, for the remaining term of the guarantee.

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