



# Sovereign

the gold standard in building products



By Appointment to HM The Queen,  
Building Material Manufacturers  
Sovereign Chemicals Limited, Barrow-in-  
Furness

# INJECTION CREAM FOIL KITS

Sovereign Injection Creams are highly effective ready-to-use damp-proofing cream based on silane/siloxane for masonry injection against rising damp

## 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.

<b>Form Supplied:</b>	Foil Sausages
<b>Pack Sizes:</b>	600 ml
<b>Colour Range:</b>	White
<b>Contains:</b>	Silane/Siloxane
<b>Kits include:</b>	4 x 600 ml sausages 1 x special bulk injection gun 1 x 12 mm drill bit

## Properties

Simple and easy to install. Supplied in 600cc foil "sausages" with a special Bulk Injection Gun included in the kit. 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/Mixing

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 Sovereign Injection Cream. A hole "puffer" is available for this.

When using the 600 cc "sausages" then first pull the piston fully back on the bulk injection gun and remove the nozzle. Place the "sausage" in the chamber, make an incision at the top of the foil, 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 Sovereign Injection 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 Hey'di K11 Grey in lieu of a DPC is available from Sovereign Technical Department

## Replastering

Replastering, isolating vertical DPC's and associated tanking should be installed to relevant Code of Practice or to Sovereign Specification.

## Application Rate

Wall Thickness	4½" (110 mm)	9" (220 mm)	13½"(330 mm)	18" (440 mm)
Borehole Depth	100 mm	200 mm	310 mm	420 mm
Borehole Diameter	12 mm	12 mm	12 mm	12 mm
Application Rate per cartridge	4.5 m	2.25 m	1.12 m	1 m

## Storage:

Store between +5°C and 30°C

## Shelf Life:

12 months when stored as directed.

## Cleaning

All equipment may be cleaned with soapy water. A full safety data sheet is available on request

## Health & Safety

EUH066 - Repeated exposure may cause skin dryness or cracking

EUH208 - Contains N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine & Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with

2-methyl-3(2H)-isothiazolone. May produce an allergic reaction

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P280 - Wear protective gloves and eye/face protection. Keep away from all potential sources of ignition.

Ensure adequate ventilation and wear suitable clothing. Wash splashes from skin and eyes immediately.



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**www.sovchem.co.uk**