



Sovereign

the gold standard in building products



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

INJECTION CREAM CARTRIDGE KIT

Sovereign Injection Cream is a highly effective ready-to-use damp-proofing cream based on silane/siloxane technology for installation in masonry structures against rising dampness.

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:	Cartridges
Pack Sizes:	380 ml
Colour Range:	White
Contains:	Silane/Siloxane Injection Cream
Kits include:	6 x 380 ml Injection Cream cartridges 6 x Standard nozzles 1 x Extended nozzle 1 x Skeleton Gun 1 x 12 mm drill bit

Properties

Simple and easy to install. Supplied in 380ml cartridges with both standard nozzles and a extra long nozzle. A skeleton gun is used to insert the cream into mortar beds to form a chemical damp proof course.

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.

Preparation/Mixing Continued

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.

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 plastic plug or a sand cement mix incorporating Sovereign Waterproofer or Sovereign SBR.

The vagaries of random/rubble filled 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. However, 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 for this purpose is available from Sovereign Technical Department

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" (110mm)	9" (220mm)	13½"(330mm)	18" (440mm)
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