

Issue Date:
April 2004:V2



Data Sheet No:
TDS 113

SOVEREIGN

TECHNICAL INFORMATION SHEET

HEY'DI INJEKTIONSCREME

ORDER CODE: H12

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 thixotropic cream the efficacy is superior to paste formulations containing materials that serve no useful long-term purpose and which can leave an unsightly residue.

Form Supplied: Thixotropic cream
Pack Sizes: 5 Litres
Colour Range: White
Contains: Silane/Siloxane

Properties

The viscosity allows the operator to use a Bulk Injection Gun to draw off what is required via the blue nozzle supplied straight from the container and pump back any unused material. When the gun is full, switch the end cap and dispense the cream via flexible injector rod. One full pull on the trigger will insert sufficient cream for one 12 mm hole in 4½-inch brick, two pulls of the trigger for 9-inch brick etc.

Preparation

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

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. After removing the bore dust fill the cavity with Sovereign Hey'di Injektionscreme.

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.

Drilling through one leaf, pass through the cavity and drill into the second leaf to the required depth will achieve this. The Hey'di Injektionscreme 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.

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. If it is problematical to install the DPC into this type of construction then thought should be given to tanking the internal wall to 1.5 metres with Hey'di K11 Grey. A specification for tanking in lieu of a DPC is available from Sovereign Technical Department.

Cleaning

Clean tools and equipment with soapy water.

Shelf Life:

A minimum of 12 months in unopened containers stored between +5°C and +25°C. Close containers securely immediately after use.

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 113.

Coverage

Wall thickness	4 1/2" 110mm	9" 220mm	13 1/2" 330mm	18" 440mm
Borehole diameter	12mm	12mm	12mm	12mm
Borehole depth	100mm	200mm	310mm	420mm
Application rate per 10 m wall length	0.9 litres*	1.9 litres*	2.9 litres*	3.9 litres*

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

Guarantees

When installed by Sovereign Approved Contractor long term 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.

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.

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