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SOVEREIGN TECHNICAL INFORMATION SHEET AQUAJECT

ORDER CODE: AT

Description

Sovereign Aquaject is a water based concentrate specifically formulated as a chemical DPC injection fluid. It is a true solution of siloxane in water and when used as directed will match the performance of solvent-based systems. On injection into masonry the siloxane will react with the atmosphere to form a water insoluble, water resistant treatment within 24 hours of application.

Form Supplied: Liquid concentrate
Pack Sizes: 5 litres
Colour Range: Yellow, dries clear
Contains: Siloxane in water
BBA Certificate: 05/4251

Properties

Once diluted Sovereign Aquaject is non-hazardous, containing no solvents and of low alkalinity. The problem of persistent odour related to solvent-based DPC fluids is completely eliminated. This can be particularly important when injecting party walls.

When a Sovereign Approved Contractor carries out installation of a DPC using Aquaject, the work is eligible for the Sovereign 30 Year Protection Scheme Guarantee.

Preparation

Remove internal skirting boards and salt contaminated plaster to at least 1 m above the DPC line or 300 mm beyond the last signs of damp, whichever is the highest. Holes should be drilled not more than 150 mm apart, and typically 2 holes per stretcher and 1 per header. Best results are obtained if holes are drilled at a slight downward angle, 10° - 15°.

General

Once Sovereign Aquaject has chemically reacted it is permanently fixed by a cross linking action within the substrate pores to form a water resistant barrier.

However, although Sovereign Aquaject stops the passage of rising damp, it is not a vapour barrier and will still allow the wall to breathe.

For full technical information on the installation of a chemical DPC, including the re-plastering, refer to the Sovereign Renovation Manual.

New brickwork or mortar is highly alkaline and the normal delay period for injection is six months. This delay can be reduced to two months if Sovereign Aquaject is used. Any remaining concentrate or diluted material must be stored in airtight containers.

Coverage Rate

Typical coverage rates are as follows:-

4" brick-15 linear metres per 25 litres
9" brick-7.5 linear metres per 25 litres
13" brick-5.2 linear metres per 25 litres

Dilution

Ensure injection pump has been thoroughly washed out prior to using Sovereign Aquaject, especially if solvent-based fluids have previously been used. Add one container of Sovereign Aquaject to clean tap water to make 25 litres of solution whilst stirring vigorously. Run the pump for 2 - 3 minutes to thoroughly mix. Always add Sovereign Aquaject to water, never add the other way round.

Clean up

Wash pump, container and lances with clean water after each use. Spills and splashes should be cleaned up immediately with soapy water.

General and Safety Precautions

Xi Irritant

R41 Risk of serious damage to eyes

Keep out of reach of children. In case of contact with eye rinse immediately with plenty of water and seek medical advice. Wear eye/face protection.

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Storage: Between 5°C - 30°C.

Shelf Life: 12 months unopened. Diluted material is stable for up to 6 months when kept in air tight containers.

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.

SOVEREIGN

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