

# TECHNICAL BULLETIN



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## CLEAR SEAL

The label for CLEARSEAL features a large 'CORROSIVE 8' hazard diamond on the left. Below it, text reads 'UN 1760 CORROSIVE LIQUID, N.O.S. (POTASSIUM METHYLSILICONATE)' and 'IN AN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE'. A QR code and manufacturer details for Environex International are at the bottom left. The center shows a photo of a brick wall being treated. To the right, a 'Batch No:' field is present. The product name 'CLEARSEAL' is prominently displayed in green, followed by 'MASONRY SEALER AND PRE GROUT TREATMENT' and 'Contains <10% Potassium Methylsiliconate'. A 'DANGER' section lists 'Causes severe skin burns and eye damage' and 'Causes serious eye damage', with detailed first aid instructions. At the bottom right, 'NET CONTENTS' are listed as 1L, 5L, and 15L, each with a corresponding barcode.

### MATERIAL & FUNCTION

**CLEARSEAL** is a water-based siliconate sealer designed for use as a water repeller on masonry surfaces. **CLEARSEAL** will assist in the prevention of moss and mould build-up. It can also be used as a pre-seal or pre-grout treatment for very porous surfaces such as terracotta or sandstone. This will greatly assist in the cleanup of excess grout. It is particularly well suited for use around swimming pools where water marks can be a problem. For single leaf masonry brick walls spray application will reduce or prevent migration of water to inside of the wall.

### DIRECTIONS FOR USE:

**CLEARSEAL** should be applied when the surface is clean and dry. Grease, oil or dirt will interfere with the effectiveness of the sealing or pre-sealing process. A lambswool applicator or garden sprayer will give best results **THIS PRODUCT IS A ONE COAT ONLY APPLICATION.** APPLYING TOO MUCH PRODUCT WILL RESULT IN A WHITE RESIDUE THAT IS DIFFICULT TO REMOVE. Apply enough product to soak into the surface. Excess product in the form of pools should be removed immediately. Allow 6 hours curing time – overnight if being used as a pre seal. **KEEP WELL AWAY FROM ALUMINIUM, STEEL AND TIMBER SURFACES.**

**Coverage** is typically 12 m<sup>2</sup>/litre, but may vary from 8 m<sup>2</sup>/litre for very porous surfaces or tiles to 16 m<sup>2</sup>/litre for very dense surfaces or tiles.

**CLEANUP:** Cleanup is in water.

MAINTENANCE: Block walls sealed with **CLEARSEAL** should be cleaned using Environex REFRESH or MAESTRO if there is a moss or mould problem.

RECOATING should be done every 2 years or when water repellency has ceased.

#### **DIRECTIONS FOR MANUFACTURE, BLOCK OR WET CAST PAVERS**

To reduce Efflorescence and introduce a pre-sealed block or paver from the factory process.

The use is 600 mills of S M S per ton of cement to the mixture. Firstly mix required water into the dry mix minus the 600 mills and add after mixture has been combined. (**Do not add prior to water and mixing process**) If the mix is normally 44 litres (add 43.4 litres and .6 Litres of Sodium Methyl Siliconate)

#### **DIRECTIONS WITH CLEARSEAL MANUFACTURE OPTION/DRY WALL FILL**

Follow the directions as above. The only difference would be the amount water and **CLEARSEAL** to be added.

If the mix is normally 44 litres (add 36 litres and 8 litres of Clearseal). Per ton.

If the mix is normally 22 litres (add 18 litres and 4 litres of Clearseal). Per half ton.

If the mix is normally 11 litres (add 9 litres and 2 litres of Clearseal). Per quarter ton.

#### **SAFETY**

STONGLY ALKALINE. R35 Causes severe burns. Avoid contact with skin and eyes. S37/39 Wear suitable gloves and eye/face protections.

#### **PACKAGING**

1 Litre, 5 Litre, 15 Litre & 200 Litre containers

#### **IMPORTANT NOTICE TO CUSTOMER**

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***