

ENVIROSEAL

A WATER REPELLENT FOR EXTERNAL MASONRY

SPECIAL PROPERTIES

- Highly penetrating, low odour solvent.
- May be applied by brush or low pressure spray.
- Will shed waterborne dirt and reduce surface contamination.
- Improves insulation by keeping surfaces dry.
- Colourless, and non staining
- Vapour permeable (allows the surface to breath).
- Becomes effective immediately after drying (approximately 3 hours).
- May be overcoated at a later date with decorative paints.
- Conforms to the performance requirements of BS 6477 : 1992 for substrate groups I and II.

DESCRIPTION

Enviroseal is an effective water repellent liquid based on a solvent free silicone/siloxane emulsion for use above ground on porous brickwork, cement renderings, asbestos, cement/mineral boards, unglazed tiles, cast concrete, roughcast, stonework (including calcareous materials, i.e. those containing limestone), wood, canvas and leather. Surfaces treated with **Enviroseal** remain permeable to vapour so that moisture within the structure does not remain trapped.

Enviroseal is clear and colourless and will not normally alter the appearance of treated surfaces. In some circumstances, however, very slight darkening may occur.

Where appearance is critical, a small test area should be applied.



The treated masonry surface will not prevent the penetration of water at pressures greater than approx. 1.4kg cm² (20lbs per square inch).

Depending upon the nature of the surface to be treated and conditions of exposure, two coats of **Enviroseal** can be effective for at least 10 years.

*Note: **Enviroseal** is NOT a dustproofing sealer or a damp-proofing membrane.*

SITE WORK

Preparation

Substrates should be prepared by cleaning to remove all surface contaminants, including fungal/mould growths (e.g. Wykamol Microtech Biocide Data Sheet). Mould release agents or decorative paints should be removed completely. Structural defects, particularly mortar joints, repointing or rendering must be made good and allowed to cure for at least 1 month before treatment. **Enviroseal** will not prevent ingress of water through cracks or defective joints.

If sandblasting / microblasting are carried out, ensure that the surface is hosed down with water extremely thoroughly. Repeat twice. Allow to dry. This is to ensure

that the pores within the stone are not blocked with sand which may affect the application and **Enviroseal**. Surfaces must be substantially dry before application of **Enviroseal**, and it is recommended that Treatment is carried out following a period of dry weather. Nonabsorbent surfaces should be treated. Where backings are heavily contaminated with salts, there is an increased risk of spalling of surfaces treated with water repellents. The application of **Enviroseal** is not recommended under these circumstances. If doubt exists, advice should be sought from The Technical Department of The Wykamol Group.

procedures etc. are available in our Enviroseal Material Safety Data Sheet.

Application

Protect surfaces liable to be splashed during treatment, especially glass window panes, UPVC window frames and decorative coatings. Apply two coats of **Enviroseal** liberally to the prepared surface using a large brush, lambswool roller or low pressure pneumatic spray equipment. Take care to ensure no excessive overspray occurs and avoid inhalation during application. In exceptional circumstances a further coat may be necessary. Allow at least 2 hours between coats and do not apply to surfaces affected by rain or frost. Coverage will depend upon the porosity of the surface to be treated. Typical consumption is 4-5 m² per litre per coat, this may be reduced to 2 m² per litre on highly absorbent surfaces. Any overspray should be removed with silicone cleaner. Treated surfaces may be overpainted with masonry paints after approximately 1 week.

PRODUCT DATA

Appearance	Clear solution
Drying Time	Approx. 3-4 hours
Shelf Life	At least 1 year in unopened containers
Storage	Store safely in a dry place and protect from frost. Store away from direct sunlight, sources of ignition and foodstuffs.
Cleaning	White spirit
Coverage	Approx. 4-5m ² /litre per coat.
Pack Size	5 and 25 litre drums. Larger sizes available on request.
Safety	Flammable, Harmful, May cause lung damage if swallowed. CHIP Regulations 1994). Instructions for the safe handling and use of Wykamol Enviroseal are given in the product label. More details and information for hazard assessment, emergency

Issue Date: July 2009



Wykamol Group

Unit 3 Boran Court, Network 65 Business Park, Hapton, Burnley. BB11 5TH

t: +44 (0)845 400 6666 f: +44 (0)845 400 3333

www.wykamol.com **e: sales@wykamol.com**