

TECHNICAL DATA SHEET : ENVIROSEAL

Issue 1 (2018 08)
STTDS02

PRODUCT DESCRIPTION

Enviroseal is an effective water repellent, formulated from solvent free silicone/siloxane emulsion. Enviroseal is primarily used to prevent water penetration in buildings through the exterior structure, but can be applied to a multitude of substrates. Surfaces treated with Enviroseal remain vapour permeable, which ensures moisture does not remain trapped in the structure, which could cause issues in future.

TYPICAL USES

- Above and below ground applications
- To prevent water penetration in a structure
- Can be applied to a wide range of surfaces



ADVANTAGES

- ✓ **EASY APPLICATION BY BRUSH, ROLLER OR LOW PRESSURE SPRAY**
- ✓ **BECOMES EFFECTIVE IMMEDIATELY AFTER DRYING PERIOD (APPROX. 3 HOURS)**
- ✓ **WILL SHED WATERBORN DIRT AND SURFACE CONTAMINATION**
- ✓ **CAN BE OVERCOATED WITH DECORATIVE PAINTS AFTER A THOROUGH DRYING PERIOD**
- ✓ **EFFECTIVE FOR AT LEAST 10 YEARS**
- ✓ **IMPROVES INSULATION OF A STRUCTURE**
- ✓ **CAN BE APPLIED TO DAMP SURFACES**
- ✓ **ALLOWS SURFACES TO BREATHE**
- ✓ **COLOURLESS AND NON-STAINING**
- ✓ **CONFORMS WITH BS 6477:1992**



SUBSTRATE PREPARATION

Substrates should be prepared by cleaning to remove all surface contaminants, including fungal/mould growths. This can be achieved using Wykamol Microtech Biocide (please see separate data sheet). Structural defects, particularly mortar joints, repointing or rendering, must be made good and allowed to cure for at least 1 month before treatment.

PLEASE NOTE: Enviroseal will not prevent ingress of water through cracks of defective joints.

If sandblasting/microblasting is carried out, ensure that the surface is hosed down with water extremely thoroughly. Repeat twice and allow to dry. This ensures the pores within the substrate are not blocked with dust or residue, which may affect the application and effectiveness of Enviroseal.

Some dampness to substrates is not problematic, and will not effect the application of Enviroseal, but saturated walls should be allowed to dry for a period. It is recommended that Enviroseal is applied before severe weather conditions, such as continuous rain and frost, set in.

Protect and cover all surfaces liable to be splashed during treatment, especially glass window panes, UPVC window frames and decorative coatings.

APPLICATION

Using a brush, lambswool roller or low pressure pneumatic spray equipment, liberally apply one coat of Enviroseal.

For highly porous substrates, such as untreated stone or brick, the second coat can be applied shortly after. For

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APPLICATION

less porous substrates allow for 2 hours drying time before applying the second coat.

In exceptional circumstances a further coat may be necessary.

APPLICATION CONDITIONS AND LIMITATIONS

Where substrates are heavily contaminated with salts, there is an increased risk of spalling if surfaces are treated with water repellents. The application of Enviroseal is not recommended under these circumstances. If doubt exists, advice should be sought from the Wykamol Technical Department. Enviroseal is NOT a dustproofing sealer or a damp-proofing membrane.

Enviroseal is a clear and colourless solution 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 pressures greater than approximately 1.4kg/cm² (20lbs per square inch).

Never apply to surfaces where frost is present.

CURING

Approximately 3 to 4 hours drying time must be allowed.

FINISHING

Overpainting with masonry paints may be performed after approximately 1 week, although this may be longer dependent on climactic conditions.

Any overspray should be removed using a silicone cleaner.

PACK SIZE AND COVERAGE

Product Code	Pack Size	Coverage
ENVIRO5LT	5 Litre	approx. 1 Litre covers 5 m ² *
ENVIRO25LT	25 Litre	

* dependent on porosity of substrate and based on a 2 coat application.

STORAGE

Store off the ground and in dry, frost free conditions.

SHELF LIFE

12 months when unopened, undamaged and stored correctly.

HEALTH AND SAFETY

For further information and advice please contact the Wykamol Technical Department and consult the Safety Data Sheet which is available upon request or can be downloaded from our website.