

Enviro Masonry Water Repellent

Siloxane Masonry Sealer

DESCRIPTION

Enviro Masonry Water Repellent is a siloxane-based penetrating masonry sealer for concrete, brick, natural stone, and other masonry. It penetrates deep into the pores of the substrate and reacts chemically to form a durable, long-lasting barrier against water and salt ingress, without visibly changing the surface.

AREAS OF USE

SURFACES: Concrete block, natural stone, sand-lime brickwork, masonry blocks, precast concrete, clay bricks, plaster, and reinforced concrete.

AREAS: Showers, retaining walls, planter boxes and other masonry requiring water repellency by absorption.

FEATURES & BENEFITS

- Penetrates pores for long-lasting protection
- Invisible – preserves natural appearance
- Efficient barrier to water and salt ingress
- Helps eliminate efflorescence
- Help prevent moss growth and dirt retention
- Breathable – allows masonry to breathe
- Easy to apply

PRODUCT INFORMATION

Packaging	4L and 20L Pails
Shelf Life	12 months in original sealed containers
Storage Conditions	Store in a cool, dry environment.

PHYSICAL PROPERTIES

Property	Test Method	Test Result
Appearance	–	Clear liquid
Flash Point	–	60°C
Specific Gravity	–	0.8
Solubility in Water	–	Not soluble

COVERAGE RATE

Coverage varies widely with substrate absorption and porosity – typically from 3 m²/L down to 0.5 m²/L for highly porous material. A trial area of 1–2m² will help determine the application rate.

SUBSTRATE PREPARATION

Fill hairline cracks and seal cracks wider than 0.3mm. Repair damaged expansion joints and faulty junctions. Clean dirty surfaces and remove algae or moss, then allow the surface to dry. Remove any salt or efflorescence. New masonry must be dry and at least 14 days old.

APPLICATION

Apply with low-pressure spray (hand pump) or brush to total saturation, with a minimum of 2 coats applied wet-on-wet. Larger areas are best treated by low-pressure airless spray; smaller areas by brush. Hold the nozzle 5–10cm from the substrate.

Apply until no more is absorbed and the solution runs down 40–50cm, then move the nozzle slowly on horizontally, keeping the substrate evenly wet. Ventilate confined areas and protect adjacent surfaces from overspray.

Curing: Cures quickly – continue recoating until saturated. Avoid moisture contact for at least 6–8 hours after application.

For applications or situations not covered above, contact Enviro systems technical support.

CLEANING

Clean tools and equipment with Enviro Thinner No. 1.

LIMITATIONS

- Do not apply below 10°C or above 30°C.
- Do not apply if rain is expected within 8 hours.
- Combustible – keep away from open flame.

HEALTH & SAFETY ADVICE

When using Enviro Masonry Water Repellent, always provide adequate ventilation and wear appropriate personal protective equipment (PPE). Avoid contact with skin and avoid breathing vapours. Wear protective eyewear. If inhalation effects occur, remove to fresh air. If discomfort persists, any breathing difficulties occur or if swallowed, seek medical attention. Refer to the Safety Data Sheet for full safety and handling procedures.

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this publication is based on the present state of our best knowledge. As the information herein is of a general nature, no assumption can be made as to a product's



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suitability for a particular use or application and no warranty as to accuracy, reliability, or completeness either expressed or implied is given other than those required by Commonwealth or State Legislation. The owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.

NOTE: Field service where provided does not constitute supervisory responsibility. Suggestions made by Enviro systems, either verbally or in writing may be followed, modified, or rejected by the owner, engineer, or contractor since they, and not Enviro systems, are responsible for carrying out procedures appropriate to a specific project.

NOTE: All products manufactured by Enviro systems comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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