



Enviro Masonry Water Repellent



Masonry Water Repellent

DESCRIPTION

Enviro Masonry Water Repellent is a masonry sealer designed to penetrate surfaces such as concrete, brick, natural stone and other masonry products, providing a water repellent surface. The substrate is not visually changed after treatment. Enviro Masonry Water Repellent is a siloxane composition and penetrates deep into the pores of the masonry and reacts chemically to provide a durable long-lasting barrier against water and salt ingress.

FEATURES

- Penetrates pores for long lasting protection
- Preserves the natural appearances of the stone
- Provides an efficient barrier to water and salt ingress
- Eliminates efflorescence
- Easy to apply
- Invisible
- Prevention of moss growth and dirt retention on concrete surfaces
- Allows masonry surfaces to breath while providing high repellent characteristics

TYPICAL USES

Masonry Water Repellent is used in showers, on retaining walls and planter boxes that require waterproofing by absorption into the material. It is useful on several materials:

- Concrete Block
- Natural Stone
- Sand-lime Brickwork
- Masonry Blocks
- Precast Concrete
- Clay Bricks
- Plaster
- Reinforced Concrete

PHYSICAL PROPERTIES

Appearance Clear Liquid

Flash Point 60°C

Specific Gravity 0.8

Solubility in Water Not Soluble

SUBSTRATE PREPARATION

Hairline cracks need to be filled, however cracks wider than 0.3mm should be sealed. Repair damaged expansion joints and faulty junctions. Clean dirty surfaces and remove algae or moss before impregnation. Cleaned surfaces are easy to impregnate due to increased absorbency. Allow surface to dry before applying Enviro Masonry Water Repellent treatment.

NOTE: Any salt or efflorescence should be removed using Enviro Eliminate EFF.

For further information on substrate preparation or for project specific advice, please consult EnviroSystems.

customerservice@envirosystems.com.au

APPLICATION

Use a low-pressure spray (hand pump) or brush to achieve total saturation with a minimum of 2 coats applied sequentially (wet on wet) to ensure that sufficient material impregnates the surface. Enviro Masonry Water Repellent should be applied by spraying or flooding.

Larger areas are best treated using low-pressure airless spraying. Smaller areas can be treated by brush applying Enviro Masonry Water Repellent – adhering to the application rate. When spraying, the distance between the nozzle and the substrate should be 5 – 10cm.

Enviro Masonry Water Repellent should be applied until no more is absorbed, and the solution runs down 40 – 50cm. The spraying nozzle is then slowly moved on, horizontally. Care should be taken that the substrate is evenly wet during application.

NOTE: Do not apply below 10°C or >30°C or if rain is expected within 8 hours.





NOTE: New masonry surface should be dry and be a minimum of 14 days old. Confined or inside areas must be properly ventilated, and protect adjacent area from overspray. Enviro Masonry Water Repellent is combustible – keep material away from open flame.

For further information regarding application of Enviro Masonry Water Repellent or for project specific advice please consult EnviroSystems.

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CURE

Enviro Masonry Water Repellent will cure relatively quickly, continuously recoat until satisfied. It is advisable to avoid any moisture contact for at least 6-8 after application.

COVERAGE

Coverage of Enviro Masonry Water Repellent varies widely and is dependent on absorption and surface porosity of the substrate. E.g. from 3 m²/L to ½ m²/L for highly porous material.

A trial area of 1 -2 m² will assist in determining application rate.

PACKAGING & COLOURS

Enviro Masonry Water Repellent is available in 1L, 4L and 20L drums.

CLEANING

Tools and equipment may be cleaned with Enviro Thinners No.1.

SHELF LIFE

Enviro Masonry Water Repellent can be stored in its original sealed containers for 12 months, when placed in a cool, dry environment. Once opened and resealed for later use, the shelf life could vary depending on storage conditions. Always check product quality before using after prolonged periods of storage. If unsure, please contact EnviroSystems for advice.

HEALTH & SAFETY ADVICE

When using Enviro Masonry Water Repellent always provide adequate ventilation and wear appropriate personal protection equipment (PPE) during use. Avoid contact with skin, avoid breathing vapors. Wear protective eyewear. If inhalation effects occur remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, seek medical attention. Refer MSDS for full details.

NOTE: Safety Data Sheets are available upon request by emailing customerservice@envirosystems.com.au

We're here to help you!

It is a good idea to keep a journal of your waterproofing job, whether big or small.

- Take pictures at all stages of your work, including preparation
- Record the quantity and description of products used with corresponding batch numbers
- Record dates and times of when you applied products, from start to finish

Please do not hesitate to contact us for any questions you may have.

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environmentally responsible technology

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