

# TECHNICAL DATA SHEET

## STONE AND BRICK PROTECTOR INTERIOR – EXTERIOR

### DESCRIPTION

A high-performance water-based masonry protector and water repellent that penetrates porous substrates forming a barrier to water, moisture, grease, oil, acids, alkaline and salts. Suppresses mould, fungal growth and the formation of salts on natural masonry surfaces.

This product is not silicone based so it is not affected by UV radiation, the product becomes part of the substrate and will last as long as the substrate.

Polyvine Stone & Brick Protector is a clear low viscosity liquid, which is composed of a water-based dispersion of cross-linking nano particles, surfactants and rheology modifying agents.

Polyvine Stone & Brick Protector is ideal to give a highly durable penetration seal with a high degree of resistance to oil, stains and water.

Dries to a dead flat finish, which retains the natural appearance of the substrate after one day drying and curing.

### FOR USE ON

**Stone • plaster • brick • slate • flagstones • fireplaces • exposed stone walls • sandstone • stone window ledges**

### AVAILABLE FINISHES

Dead flat for a completely shine free surface.

### UNIQUE SELLING POINTS

Interior and exterior, one coat, waterproof, chemical resistant, no 'silicones', water wash up' quick drying' protector under 1g/l VOCs.

Microporous, the special microporous structure, resists water ingress. The water repellent surface is highly durable and waterproof. the structure allows the finished surface to breathe. The minute micro pores repel mould and other airborne contaminants whilst allowing air to pass through, protecting the surface from algae, mildew and fungal attack.

Biocide boost - the finished surface remains free from mould, algae and fungus. Inside and outside.

### SURFACE PREPARATION

All surfaces must be porous, clean and free from dust, dirt, oil/resins and contamination.

### APPLICATION

Ensure the product is well mixed but do not shake (inverting the container several times allows the particles to distribute evenly throughout the varnish) creating a uniform solution.

Use a Polyvine varnish synthetic brush, recommended, or by conventional spray or HVLP spray or Gloss Roller. Roller, take care, do not apply pressure this will generate air bubbles in the liquid.

To ensure successful treatment Polyvine Stone & Brick Protector should be applied liberally over the porous surfaces.

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Stone and Brick protector should be used as supplied, without dilution, by brush, spray or roller. For general applications on masonry, brickwork and stone, one coat will be sufficient.

NOTE: A chemical reaction could take place on some substrates such as glass, glazed surfaces, lead or aluminium. Mask these materials before application. In case of contact, rinse thoroughly with water immediately.

## CAUTION

Always apply to a test area before starting work. Care must be taken when applying in high temperature or direct sunlight as this will affect drying time. Do not apply when rain is imminent.

Test for compatibility before application.

## COVERAGE

Coverage 15-20 sq. m per litre, 108-215 sq. ft per quart depending on the porosity of the substrate.

## NUMBER OF COATS

Apply one coat.

<b>Cure Time:</b>	24 hours
<b>Drying Time:</b>	15mins to one-hour
<b>Recoat Time:</b>	<b>Not required</b>

## PACKAGING

1L, 4L, US Quart, US gal. plastic containers.

## STORAGE

Protect from extremes of temperature during storage and application.

Store in unopened containers in a cool dry place away from direct sunlight.

Shelf Life: Many years in tightly sealed container.

## HEALTH SAFETY AND THE ENVIROMENT

Non-hazardous. Keep out of reach of children. Contact with eyes - wash immediately with warm water.

If swallowed, seek medical advice immediately and show the container or label.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

## CLEAN UP EQUIPMENT

Any equipment used can be cleaned using soap and water before the clear coat dries. Wipe any excess off surfaces with a damp cloth.

## DISPOSAL

Look for special facilities locally. Do not empty into drains or watercourses.

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use. A professional and thereby successful application of the product is beyond our control. Always make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

## MANUFACTURED IN THE UK BY

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For technical and recycling info visit our website **[polyvine.com](https://polyvine.com)**

EU VOC limit n/a 2010 (cat A/c) contains 0.004g/L

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