

## CONCRETE & PAVING PROTECTION

### PaveShield

Product base code: PS



#### Product description

Haymes PaveShield® is a quick-drying single-pack, xylene-based penetrating sealer for concrete surfaces. It provides a durable finish that protects the surface from staining. The UV resistant finish is easy to clean and is suitable for high traffic areas, including driveways and garage floors. PaveShield is easy to maintain with recoating a simple process.

#### Key features & benefits

<b>Tough, durable finish</b>	Fantastic resistance to oil staining and hot tyre pickup.
<b>Low maintenance</b>	Repels dirt and mould and suppresses concrete dust.
<b>Rapid drying</b>	Same day recoating.
<b>Rejuvenates</b>	Refreshes old or faded concrete.



INTERIOR & EXTERIOR



PAVESHIELD SOLVENT WASH-UP



COVERAGE UP TO 4m<sup>2</sup>/L



RE-COAT 2 HRS

#### Where to use

Substrates:	Correctly prepared coloured & plain concrete, exposed aggregate, patterned, slate impression, stipple finish & stencilled concrete.
Interior:	Flooring; factories, garages, warehouses.
Exterior:	Car parks, driveways, paths, patios, pavers, pool surrounds, steps, walkways.

#### Product properties

Colour & tint bases	Clear, premixed colours, tintable colours
Gloss level	Satin
Clean-up	PaveShield Solvent
Dry time – touch dry	20 minutes
Dry time - recoat	2 hours
Coverage per litre	Up to 4m <sup>2</sup> /L dependent upon surface porosity, profile and method of application.
Sizes	4 L, 10 L, 20 L
VOC	680 g/L (+/- 5%)

## Precautions

- Do NOT apply if the ambient temperature is less than 10°C or greater than 35°C or if conditions will drop below 10°C during the drying period. Under warmer conditions refer to thinning advice.
- Do NOT apply if rain or dew is expected within 3 hours of application.
- All times quoted assume ambient conditions of 25°C and 50% relative humidity. At cooler temperature or higher humidity, drying times will be extended.
- Provide adequate ventilation during application and the drying period.
- Under normal conditions, the coating may require up to seven days curing to develop hardness and properties.
- If more than one can is required for the final coat, mix all cans together prior to commencing.
- Application of PaveShield may increase the potential for slipping. The addition of Haymes Non-Slip additive will provide reduced slip resistance for areas that are prone to become slippery.
- Due to the chemical composition of tyres, contact between tyres and this coating may result in tyre staining. Given the wide variation in tyre composition and age, Haymes Paint makes no warranties as to the performance of the coating and potential tyre staining.
- **Please check the colour for accuracy before application. Haymes Paint accepts no responsibility for the application of incorrect colours.**

## Surface Preparation

**Preparation:** Check the surface is sufficiently cured and then pressure clean surface with water pressure above 2000 psi. All surfaces must be clean, bare, dry and free of wax, grease, oil and other surface contaminants or loose debris. If mould is present, treat the surface with a mould remover to effectively eliminate the mould spores. All traces of mould must be removed prior to painting. Remove oil stains with a concrete degreaser.

Concrete - new	These instructions apply to all coloured and plain new concrete. Allow fresh/green concrete to cure for a minimum of 7 days. New concrete thicker than 100mm must be left for an additional week for every 25mm over 100mm. (For same day sealing, please refer to Haymes Same Day Sealer product data sheet for application instructions). Concrete must be etched to achieve adequate penetration of the coating. If acid etching is required use Haymes Concrete Etch following product data sheet instructions. After etching it is critical all etching debris, dust and loose concrete is removed. Perform a surface porosity test. Clean the surface with a broom or vacuum. Test for particles by pressing tape onto the surface. Remove tape and check for particles. If the tape contains particles, repeat sweeping or vacuuming until the surface is thoroughly clean. Conduct surface moisture checks to ensure the surface is dry and suitable for sealing.
Concrete - uncoated	These instructions apply to all coloured and plain uncoated concrete. Conduct a surface porosity test to determine if acid etching is required. If acid etching is required use Haymes Concrete Etch following product data sheet instructions. After etching it is critical all etching debris, dust and loose concrete is removed. Perform a surface porosity test. Clean the surface with a broom or vacuum. Test for particles by pressing tape onto the surface. Remove tape and check for particles. If the tape contains particles, repeat sweeping or vacuuming until the surface is thoroughly clean. Conduct surface moisture checks to ensure the surface is dry and suitable for sealing.
Concrete- previously coated	Remove any loose or flaking paint by scraping or stripping. Conduct an adhesion test <sup>1</sup> , followed by a compatibility test <sup>2</sup> .
Concrete- pattern or stencilled	Apply directly to a correctly prepared surface.

<sup>1</sup> To check the adhesion of an existing coating, cut an 'X' lightly into the coating and firmly apply adhesive tape across the cut and then remove tape. If the tape removes the existing coating, remove all previous coatings before painting.

<sup>2</sup> Test for compatibility with a previous coating by sanding and cleaning a small inconspicuous area. Apply 1 coat of the desired topcoat and allow to dry. After 24 hours conduct an adhesion test. If the tape removes the coating, remove all previous coatings before painting. It is recommended to conduct the compatibility test in several areas.

## Surface Preparation continued...

Exposed aggregate	Allow the concrete to cure for a minimum of 7 days. New concrete thicker than 100mm must be left for an additional week for every 25mm over 100mm. Concrete must be etched to achieve adequate penetration of the coating. If acid etching is required use Haymes Concrete Etch following product data sheet instructions. After etching it is critical ALL etching debris, dust and loose concrete is removed. Perform a surface porosity test. Clean the surface with a broom or vacuum. Test for particles by pressing tape onto the surface. Remove tape and check for particles. If the tape contains particles, repeat sweeping or vacuuming until the surface is thoroughly clean. Conduct surface moisture checks to ensure the surface is dry and suitable for sealing.
Concrete- resealing existing PaveShield	Once the surface is clean and dry, it is recommended to apply Haymes PaveShield Solvent to reactivate existing sealer and achieve improved bonding. Apply liberally, working the solvent into the coating using a roller. Allow 1-2 hours before applying PaveShield.

### IMPORTANT INSTRUCTIONS:

**Surface porosity test:** Pour a cup of clean water onto the surface. If the water absorbs into and darkens the surface, it is ready for coating. If the water beads and doesn't readily absorb into the surface, a second and stronger etch is required.

**Surface moisture test:** To check the surface is free from excess moisture place a 300mm x 300mm piece of clear plastic on multiple areas to be coated. Tape down to seal and leave on the surface for at least one hour in direct sunlight. If any condensation under the plastic is visible or the concrete has darkened, the surface requires further time to dry. Repeat the process until no moisture is visible.

## Application

- Stir thoroughly before and during application using a broad flat stirrer.
- On bare surfaces (excluding exposed aggregate), the first coat **MUST** be thinned to achieve adequate penetration. Add 300ml of clean Haymes PaveShield Solvent per litre of sealer and stir thoroughly. Do not thin for subsequent coats.
- To achieve improved slip resistance, the addition of Haymes Non-Slip additive is recommended.
- Apply two coats.
- Application methods;

Brush: Use a quality synthetic brush

Roller: Smooth trowelled surfaces: 11-12mm nap length.  
Semi-smooth to rough surfaces: 14-18mm nap length.  
Rough surfaces: 20-22mm nap length.

## Thinning

Thinning is only required when applied onto unsealed surfaces, excluding exposed aggregate. On unsealed surfaces thin the first coat, adding 300mL of clean PaveShield Solvent per litre of PaveShield and stir thoroughly. Do NOT thin for subsequent coats.

## Care and Maintenance

Surfaces can be walked on with bare feet or soft shoes in 2 hours, however, minimise for the first 24 hours. Protect the coating against abrasive contact and do not park vehicles on the coated area for 7 days. Take care walking on wet surfaces, the addition of Haymes Non-Slip Additive is recommended if additional grip is required. Regular cleaning of the surface will assist in removing dirt, dust and contaminants, which will result in a longer coating life.

## Storage

Read the Safety Data Sheet (SDS) for this product for specific directions on storage (section 7 of the SDS) and transport (section 10 of the SDS). To obtain a copy of the SDS, go to the Haymes Paint website, <https://www.haymespaint.com.au/products/technical/product-data-sheets-and-safety-data-sheets/>, or contact Haymes Service Express on 1800 033 431. Containers must be secured and stored upright during transit. Protect from extremes of temperature. Store in a cool, dry, well-ventilated place and out of direct sunlight. Check regularly for leaks. Ensure the container label remains legible for future identification and usage.

### Safety & First Aid

Read the Safety Data Sheet (SDS) for this product, prior to using this product. The SDS contains important information on how to use this product safely including hazards and precautions, personal protective equipment, storage and first aid in the event of an emergency. To obtain a copy of the SDS, go to the Haymes Paint website, <https://www.haymespaint.com.au/products/technical/product-data-sheets-and-safety-data-sheets/>, or contact Haymes Service Express on 1800 033 431.

If the product is swallowed, phone the Poisons Information Centre on 13 11 26 or contact a Doctor. Keep out of reach of children. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using.

### Protect our environment

Do NOT pour any leftover product down the drain. Retain in a marked, sealed container for future use or disposal via chemical waste collection programs such as Paintback®. Visit [www.paintback.com.au](http://www.paintback.com.au) for details of your nearest depot. Dried empty containers can be recycled and should be disposed of via recycling facilities.

### Manufacturer's comment

This product has been designed as part of an integrated application system. Use with any other manufacturer's product(s) or failing to follow application instructions, could result in detrimental effects on product performance, for which Henry Haymes Pty. Ltd. cannot be held responsible. Further information is available in the form of Safety Data and Product Information Sheets from Haymes Paint [www.haymespaint.com.au](http://www.haymespaint.com.au). We are continually updating materials and methods, so please ensure you have the latest information.

### Disclaimer

The information provided in this Product Data Sheet is correct at the time of preparation but is subject to change. It is your responsibility to check the Haymes Paint website at [www.haymespaint.com.au](http://www.haymespaint.com.au) to ensure that you have the most current Product Data Sheet. Product application and performance is affected by environmental conditions at the time of application and drying. Paint applied in conditions outside of what is recommended may dry more slowly or be less durable, or produce a less uniform appearance.

Henry Haymes Pty Ltd  
A.B.N. 14 004 201 638  
Waringa Drive  
Wendouree Industrial Park  
Ballarat Vic 3350  
Free call 1800 033 431  
[www.haymespaint.com.au](http://www.haymespaint.com.au)

**Versioned;** 12/04/24  
**Date of Preparation** 17/1/2023