

Technical Data Sheet – Hydron Barricade Sacrificial Anti Graffiti Coating

Testing Approvals: N/A.

Description

Hydron Barricade is a specially formulated water-based coating that resists graffiti and does not allow either spray paint or marker pen to penetrate and damage the surface. It's crystal clear matt finish is the ideal for protection of masonry such as concrete, brickwork, limestone and sand stone to preserve their natural beauty.

Features and Benefits

<p>Does not alter the surface appearance of suitable substrates</p> <p>Resistant to a wide range of graffiti</p> <p>Non toxic, environmentally friendly system - low VOC</p> <p>Provides antimicrobial protection for the treated surface</p>	<p>Long term biocidal protection</p> <p>Ease of application and removal</p> <p>Excellent water repellency</p> <p>Excellent UV stability and weather resistance</p>
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Areas of use

<p>Concrete</p> <p>Brick</p> <p>Limestone & Sandstone</p> <p>Compressed fibre cement</p>	<p>Render</p> <p>Cement Blockwork</p> <p>Rammed Earth</p> <p>Wood</p>
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Technical Data

Number of Coats:	2	Curing Time:	24 hours
Spreading Rate per Coat:	Average 6m ² per litre	Colour:	Milky liquid
Wet Film Per Coat:	Refer application guide	Thinner :	Water
Recoat (@25°C):	1 hour @ 25°C	Shelf life:	12 months
Properties	Test Method	Test Results	
Volatile Organic Compound (VOC) Content	ASTMD3960	47.1 g/l	

Application Guide

Surface Preparation

The surface should be dry to maximise penetration. A moisture test prior to application using a moisture meter or similar to confirm best conditions prior to application is preferable.

Hairline cracks above 0.2mm or Blow holes should be repaired prior to application.

During the curing time (approx. 24 hours) the treated area should be kept dry.

Application Procedure and Equipment

Stir well prior to use

The product can be applied by brush, solvent roller or sprayed

If using a spray equipment a 17-19 thou spray tip is preferable with sufficient pressure to attain complete atomisation.

Hydron Barricade will not prevent moisture ingress via cracks and fissures.

Spread Rate Guide

Smooth surface 10-16m² /L

Concrete & Brick 6-10m² / L

Limestone & Render 3m² / L depending on porosity.

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Cleaning

Clean all equipment with methylated spirits or hot water and detergent.

Precautions

Do not apply if the temperature is below 10°C or relative humidity is above 85%.
Do not apply if rain is expected within 12 hours.
Avoid contact with skin and eyes. Wear protective goggles and rubber gloves.
Use with adequate ventilation.

Flammability

Not flammable

Health & Safety

Safety Precautions

Provide good ventilation – open windows and doors and use circulating fans
If product is splashed on skin it should be washed off with water before it can dry
Wear gloves and eye protection during application

First Aid

Swallowed: Contact a doctor or Poisons Information Centre. Do not induce vomiting. Give water to drink.
Eye: Gently flush with running water, holding eyelids open for 15 minutes. Seek medical attention.

For detailed information refer to product label and the current Material Safety Data Sheet available from Hydron
In the case of an emergency please call the Poisons Information Centre on 13 11 26

Disclaimer

Any advice, recommendation, information, assistance or service provided by Hydron in relation to its products or their use is given in good faith, however is provided without responsibility or liability. Customers need to undertake their own assessment to determine the suitability of a product for the particular use intended. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, we are unable to assume liability for any loss, consequential damages or otherwise that may arise from the use of our product. Where a product is proven to be defective, our liability is limited to the replacement of the product only.