

# ULTIMATE

## Two-Pack Anti-Graffiti Clear Satin

Product Code: U2AGSC

### Product Description

Haymes Ultimate Two-Pack Anti-Graffiti Clear Satin is a unique, environmentally responsible water-based fluoropolymer acrylic polyurethane. With great application properties, it provides excellent graffiti and chemical resistance. The two-pack formulation may be applied over an epoxy or Haymes Solashield basecoat to provide a durable, weather resistant system. It offers superior UV resistance and colour retention, and is designed to be used in conjunction with a graffiti remover.



#### Key features:

- ✓ Fantastic UV protection
- ✓ Food grade coating
- ✓ Excellent dirt resistance
- ✓ Good chemical resistance
- ✓ Low odour / VOC

### Typical Applications

Primarily used as a protective topcoat over various substrates including concrete, masonry and suitably prepared metal surfaces. **Not for use on bricks.**

- Vehicle tunnels
- Laboratories
- Car parks
- Acoustic barriers / noise walls
- Chemical industries
- Public areas

### Typical Properties

Vehicle type	Fluoro-modified acrylic polyurethane
Hardener	Water-dispersible isocyanate
Mixing ratio	5:1 by volume (Pack A: Pack B). <b>THESE PRODUCTS MUST BE POWER STIRRED. Power stir Part A, then together as A+B on high speed, ensuring components blend thoroughly.</b>
Pot life	Approximately 1.5 hours @ 25 °C
Finish	Satin
Colour	Clear
Sizes	6 L, 12 L
Clean-up	Water
Coverage	Up to 8 m <sup>2</sup> /L
Dry time	Touch dry: 45 mins Recoat: 2 hours
Film build	Wet: 140 um Dry: 55 um
Application tools	Airless Spray (11–13 thou tip) at 1700-2100 psi Synthetic brush 5 -10 mm synthetic roller sleeve

Technical Data	
Volume solids	40%
VOC	23 g/L
Abrasion resistance	Very good
Chemical resistance	Excellent to a wide range of chemicals. Contact Haymes Paint for further information.
Dry Heat resistance	Up to 120 °C
Solvent resistance	Excellent
Salt spray resistance	Good
Durability	Excellent

Dry Times			
Temperature	Touch dry	Hard dry	Full cure
25 °C	45 minutes	24 hours	7 days
15 °C	5 - 8 hours	32 - 40 hours	10 days
10 °C	8 -11 hours	48 - 60 hours	15 days

**NOTE:** The application of water-based polyurethanes at low temperatures can cause amine bloom. This shows as low gloss and a cloudy effect on the coating surface. High humidity will also slow down the cure and may cause amine bloom. Water-based coatings should be applied when the humidity is below 80%. At cooler temperature or higher humidity drying times will be extended.

Surface Preparation	
General surface preparation	<ol style="list-style-type: none"> <li>All surfaces must be structurally sound, clean, dry and free of contamination, particularly salt deposits.</li> <li>Oil, grease, dirt, and other contaminants must be removed with detergent and water blasting or solvent cleaning to AS1627.1.</li> </ol>
Previously painted surfaces	<ol style="list-style-type: none"> <li>Loose or flaking paint must be removed by abrasive blast cleaning, power tool cleaning or sanding, to AS1627.</li> <li>The existing coating must be thoroughly abraded.</li> <li>Apply a test patch of Ultimate Two-Pack Anti-Graffiti Clear Satin to check adhesion prior to painting the entire surface.</li> </ol>
Application over pigmented paint system	<ol style="list-style-type: none"> <li>Apply two coats Haymes Solashield as per relevant substrate directions.</li> <li>Apply two coats Ultimate Two-Pack Anti-Graffiti Clear.</li> </ol>
Concrete	<ol style="list-style-type: none"> <li>Allow new concrete surfaces to cure for a minimum of 28 days before painting.</li> <li>Surface to be painted should be free from oil, grease, and other contaminants.</li> <li>Moisture content should be less than 5.5%</li> <li>Grind the surface to remove laitance and provide key.</li> <li>Apply one basecoat of Ultimate Two-Pack Epoxy Clear Gloss.</li> </ol>
Steel structures	<ol style="list-style-type: none"> <li>Degrease the surface and remove all weld spatter and flux.</li> <li>Grind sharp edges and corners.</li> <li>For best results, abrasive blast clean to AS1627.1 to 9.</li> <li>Apply suitable primer according to specification. Steel in corrosive environments typically requires an anti-corrosive primer as a barrier coat.</li> </ol>
Aluminium, galvanised iron and Zincolume®	<ol style="list-style-type: none"> <li>Remove oil and excess grease with mild detergent or with sugar soap.</li> <li>Slightly roughen the surface with the help of sanding or light whip blasting with a non-metallic abrasive.</li> <li>Apply suitable primer according to specification.</li> </ol>

## Precautions

- DO NOT apply if ambient temperature is less than 10°C or greater than 35°C or if conditions will drop below 10°C during the drying period.
- Not to be applied above 80% relative humidity.
- Ensure adequate airflow and ventilation during application and drying.

## Application

- **Mixing:** Parts A and B must be power stirred together thoroughly for at least 2 minutes before thinning, without causing an excess of foam.
- Once units of paint have been mixed they should not be resealed. After prolonged breaks, it is recommended that work recommences with freshly mixed units.
- Stir thoroughly before and during application.
- Apply a minimum of one topcoat for internal areas or **two topcoats for external areas** by brush, roller, or spray to achieve sufficient film build.
- Ensure adequate airflow and ventilation during application and drying.

## Thinning

May be thinned with up to 20% clean water to achieve acceptable atomisation. Thinning may necessitate the application of additional coats to achieve sufficient film build.

## Clean-up

Do not allow material to remain in hoses, gun, or spray equipment. Thoroughly flush all equipment with water. Clean all equipment after use with water, detergent solution, or methylated spirits. It is good work practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time.

## Care and Maintenance

To rejuvenate the surface coating and extend the longevity regular cleaning is recommended. Clean the entire surface using a pressure washer to remove dirt and debris.

## Safety and First Aid

WARNING – Hazardous substance. Keep out of reach of children. Read label before use. Avoid breathing fumes, mists, vapours or spray. Do not get in eyes, on skin or on clothing. Wear protective clothing, gloves, and face and eye protection during use. Wash contacted areas thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash before reuse. Harmful if swallowed. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Harmful in contact with skin. May cause an allergic skin reaction. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical advice. Additional information is listed in the safety data sheet. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Harmful if inhaled. May cause respiratory irritation. IF INHALED: And irritation has occurred, remove victim to fresh air and observe until recovered.

For further safety information please refer to the product Safety Data Sheet available at <https://www.haymespaint.com.au/products/technical/product-data-sheets-and-safety-data-sheets/>

## Storage

Store in a dry place. Store in a closed container. Protect from sunlight. Store between 5 °C and 30 °C.

## Protect Our Environment

Even though the Ultimate range of low VOC and low odour products are water-based, NEVER allow any leftover product to enter drains or waterways. Dispose of hardened product in general waste or, for large quantities, via chemical waste disposal. For non-mixed components, retain in a marked, sealed container for future use or dispose of via special chemical waste collection programs. Dried empty containers can be recycled and should be disposed of via recycling facilities. If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill.

## Manufacturer's Comment

This product has been designed as part of a totally 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 (1800 033 431). We continually update materials and methods; please ensure you have the latest information.

## Disclaimer

**Due to the chemical composition of tyres, contact between tyres and this coating may result in tyre staining.** It is important to understand the limitations of this coating product for resistance to tyre staining also known as "paw printing". 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 and **will not be held liable** for any claims made where tyre staining occurs. You must read the specific product data sheet and fact sheet on tyre staining before commencing application of this product. These documents provide information about the suitability and application of the product for specific purposes. If you require more information or a product with resistance to tyre staining, then you must contact Haymes Service Express who can refer a technical representative for specific recommendations for your project before commencing any work.

The information provided is correct at the time of preparation; however, it is the responsibility of those using this information to check that it is current prior to specifying, recommending, or using product contained in this information. Because use conditions and applicable laws may differ from one location to another and may change with time; those using this information are responsible for determining whether products and the information in this document are appropriate for their use and for ensuring that workplace and disposal practices are in compliance with applicable laws and other government enactments. Haymes Paint assumes no obligation or liability for the information in this document. No express warranties are given except for any applicable written warranties specifically provided by Haymes Paint. All implied warranties including those of merchantability and fitness for a particular purpose are expressly excluded.

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