

HAYMES INDUSTRIAL COATING SOLUTIONS

304 2K Satin Acrylic Polyurethane

Product Code: I304SB

Product description

Haymes Industrial Coating Solutions 304 Satin 2K Polyurethane is a 2K acrylic urethane top coat, characterised by its durability, excellent flow and Satin finish. It is suitable for most industrial and commercial applications.




Key Features

- ✓ Superior performance
- ✓ Satin gloss
- ✓ Quick and easy application

Where to Use (Substrates)

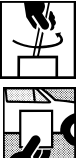









Mild steel, aluminium, galvanised iron, glass reinforced plastics (GRP) and previously painted substrates in sound condition.





Surface Preparation




| | |
|--|--|
|  Mild Steel | DTM: Sand with 240 Frecut <u>Primer:</u> Apply Haymes Metal Etch Primer or Haymes Universal Primer. Sand with P600 wet or dry. |
| Aluminium | <u>Primer:</u> Apply Haymes Metal Etch Primer or Haymes Universal Primer. Sand with P600 wet or dry. |
| Galvanised Iron | <u>Primer:</u> Apply Haymes Metal Etch Primer or Haymes Universal Primer. Sand with P600 wet or dry. |
| Glass Reinforced Plastics (GRP) | <u>Primer:</u> Apply Haymes Metal Etch Primer or Haymes Universal Primer. Sand with P600 wet or dry. |
| Previously painted Surfaces (in sound condition) | Sand with P600 wet or dry. |

Special Notes:

- All surfaces must be thoroughly sanded and cleaned with Haymes Wax & Grease Remover prior to application.
- Surfaces must be clean, bare, dry and free of dust, wax, grease, surface contamination and oxidation prior to painting.
- Use white or light-coloured primers under bright yellows, oranges and reds, if required.
- The above systems are examples only. For further information, please contact Haymes Paint on 1800 033 431.

| Product Preparation | | | | |
|---|--|--|--|------------------------|
|  | <ul style="list-style-type: none"> • Weigh the concentrates into the required base in accordance with the relevant colour formula. • A maximum of only 10% reduced concentrates is allowed and a maximum of 35% for all concentrates, in total. • Stir or shake for a minimum of 10 minutes. • Never leave the mixture stand for more than 30 minutes before mixing. | | | |
|  Mixing Ratio 4:1 (by volume) | Haymes Industrial Coating Solutions 304 Satin 2K Acrylic Polyurethane | | Haymes Industrial Coating Solutions 4:1 Polyurethane Hardener | |
| | 4 parts | | 1 part | |
|  Reducer | Up to 20% (v/v) Haymes Industrial Coating Solutions Universal 2K Thinner, if required. | | | |
|  Matting (if required) | <p>Matt Finish: Add 20% of 399 Flattening Base.</p> <p>Notes: = 399 Flattening Base must be added before adding a hardener or thinner. = The addition of 399 Flattening Base will reduce coverage.</p> | | | |
|  Pot Life @ 25C | 2 to 3 hours. | | | |
|  Spray viscosity @ 25C | BSB 4 Cup | 18 to 20s | | |
| | Ford 4 Cup | 16 to 17s | | |
| Spray Equipment | Gun type | Fluid tip | Spray pressure | Spray distance |
|  | Gravity Feed | 1.4 to 1.6mm | 2.0 – 2.4bar 30 - 35psi | 15 - 20cm 6 - 8inch |
|  | Suction Feed | 1.5 to 2.0mm | 2.0 – 2.4bar 30 - 35psi | 15 - 20cm 6 - 8inch |
|  | HVLP | 1.2 to 1.3mm | 0.4 - 0.7bar 6 - 10psi | 15 - 20cm 6 - 8inch |
|  | Airless, Air Assisted, Electrostatic | Consult the spray gun manufacturer's instructions. | | |

| Product Preparation (continued) | | |
|--|--|--|
|  Number Of coats | 2 to 3 = Apply one light coat followed by one or two even full coats. Avoid heavy wet coats. | |
|  DFT Recommended | 50 µm. | |
|  Flash off time @ 25C | 5 to 10 mins between coats. | |
|  Drying | Air Dry @ 25C | Tack free: 4 hours. Recoat with itself at any time. |
| This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use. | | |

| Before Use | |
|--|--|
|  | Stir all products thoroughly each time before use. Stir the mixture well after the weigh out of components. |
|  | Before application a colour comparison is STRONGLY recommended. |
|  | Surface temperature must always be a minimum of 3C above dew point. |

| Dry Film Properties (after 7 days drying, when compared to similar technology products) | |
|---|------------|
| Gloss 60/20 | 50% |
| Water resistance | Excellent. |
| Petrol resistance | Excellent. |
| Durability | Excellent. |

Equipment Cleaning

Use Haymes Industrial Coating Solutions 2K Thinner.

Storage

Store in a well-ventilated place. Keep cool.

Coverage

Approximately 8.0 m²/L @ recommended DFT.

Shelf Life: 36 Months in an unopened container at room temperature, away from sunlight.

Safety & First Aid

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

Protect our environment

DO NOT pour any leftover product down the drain. Retain in a marked, sealed container for future use or disposal via special chemical waste collection programs. 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 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 www.haymespaint.com.au. We are continually updating materials and methods, so please ensure you have the latest information.

Disclaimer

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.

Henry Haymes Pty Ltd
A.B.N. 14 004 201 638
Waringa Drive
Wendouree Industrial Estate
Ballarat Vic 3350
Free call 1800 033 431
Free fax 1800 801 892
www.haymespaint.com.au

Date of Preparation 07.09.2020v