

HAYMES INDUSTRIAL COATING SOLUTIONS

314 2K Acrylic Polyurethane Slow

Product Codes: I314B

Product description

Haymes Industrial Coating Solutions 314 2K Polyurethane Slow is an acrylic urethane top coat, characterised by its durability, excellent flow and gloss. It is suitable for large industrial and commercial applications where a slower system and longer open time is required.



Key Features


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

Volume Solids %	Weight Solids %	Density		VOC	
		g/mL	lbs/US Gal	g/L	lbs/US Gal
34.2	39.7	0.985	8.22	594.6	4.96

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. Sand with P600 wet or dry.
Galvanised Iron	<u>Primer:</u> Apply Haymes Metal Etch 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 314 2K Acrylic Polyurethane Slow	Haymes Industrial Coating Solutions 4:1 Polyurethane Hardener		
4 parts		1 part		
 Reducer	Up to 20% (v/v) Haymes Industrial Coating Solutions 2K Thinner, if required.			
 Matting (if required)	Satin Finish: Add 30% of 399 Flattening Base. Matt Finish: Add 45% of 399 Flattening Base. Notes: = Never add more than 50% of 399 Flattening Base. = 399 Flattening Base must be added before adding a hardener or thinner. = The addition of 399 Flattening Base will reduce coverage.			
 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 1.8mm	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,	Consult the spray gun manufacturer's instructions.		




Product Preparation		
	Electrostatic	

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	15 to 20 mins for 314 2K Polyurethane Slow Base between coats.	
	Drying	Air Dry @ 25C	Tack free: 4 hours. Recoatable 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	94/87.
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. Store locked up.

Coverage

Approximately 8.0 m²/L @ recommended DFT.

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.

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