

HAYMES INDUSTRIAL COATING SOLUTIONS

Metal Etch Primer

Product Code: IME

Product description

Haymes Industrial Coating Solutions Metal Etch Primer is a 1K epoxy modified PVB primer designed to provide excellent adhesion to all common metal substrates. Featuring anti-corrosive properties, it can also be used on previously painted surfaces in a sound condition.



Key Features

- ✓ Chromate free
- ✓ Two in one (etch and primer)
- ✓ Wet on wet application
- ✓ Available in black, white or grey

Where to Use (Substrates)

Mild steel, aluminium, chrome, brass, copper, stainless steel grade 316, galvanised iron, zincalume, zineanneal, glass reinforced plastics (GRP) and previously painted substrates in sound condition.

Surface Preparation



All substrates

All surfaces must be thoroughly sanded and cleaned with Haymes Wax & Grease Remover prior to application.

Special Notes:

- 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








Reducer






5% to 10% (v/v) Haymes Industrial Coating Solutions Multi-Thinner, if required.





Pot Life
@ 25C

N/A

Product Preparation				
 Spray viscosity @ 25C	BSB 4 Cup	18 to 19s		
	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	1.5 to 1.8mm	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 coat followed by one or two even full coats. Avoid heavy wet coats.
 DFT Recommended	40 to 50 µm.
 Flash off time @ 25C	3 to 5 mins between coats.
 Drying	Air Dry @ 25C 10 min before top coating wet on wet. 60 min hard dry.
 Sanding	If required, wet sand with P600-P800 before applying finish coat, or dry sand with P400-P500 using an orbital sander.
<p>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.</p>	

Before Use	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh out of components.
	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)	
Adhesion	Excellent.
Corrosion protection	Excellent.
Durability	Excellent.

Equipment Cleaning
Use Haymes Industrial Coating Solutions Multi Thinner.

Storage
Store in a well-ventilated place. Keep cool. Store locked up.

Coverage
Approximately 5.0 m ² /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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