






MetalPlus

UV Superior Enamel

Product Base Code: MPSE

				Product Description	
				<p>A premium enamel topcoat, MetalPlus UV Superior Enamel is specially formulated to provide the ultimate rust and UV protection. Utilising silicon alkyd enamel technology, MetalPlus UV Superior Enamel gives exceptional colour and gloss retention.</p>	
 <p>Interior & Exterior</p>	 <p>MetalPlus Brushable Enamel Thinner wash-up</p>	 <p>Coverage Up to 14 sqm/L</p>	 <p>Recoat 16 hrs</p>	Key Features & Benefits	
				Excellent UV Protection	Exceptional colour and gloss retention
				Rust protection performance	Protects metal from rust
Touch dry after 4 hours	Touch dry after 4 hours				

Where to use

Substrate :	Aluminium, Metal (ferrous), Steel, Primed Galvanised Steel, Primed Zincanneal and Primed Zinalume
Interior :	Furniture and Window Frames
Exterior :	Doors, Furniture, Gates, Gutters and Downpipes, Lacework, Posts and Window Frames

Typical Properties

Colour	White, Black, Colorbond-Monument and Colorbond-Surfmist
Application method	Brush, roller, spray
Clean-up	MetalPlus Brushable Enamel Thinner
Dry time - touch dry	4 hours
Dry time - recoat	16 hours
Coverage	Up to 14 sqm/L dependent upon surface porosity, profile and method of application.
Sizes	1L, 4L
VOC	415 g/L
Volume solids	54.5%
Film build wet	71 µm
Film build dry	39 µm

Precautions

- Surface temperature must always be a minimum of 3°C above dew point. Before application a colour comparison is recommended. Stir products thoroughly each time before use. Not recommended for use on surfaces other than metals and not suitable for use direct to zinc coated metals. Not recommended for use on surfaces where there is the collection of drinking water and in high corrosion environments.
- All times quoted assume ambient conditions of 25°C and 50% relative humidity. At cooler temperature or higher humidity, drying times will be extended.
- Do NOT apply if rain or dew is expected within 24 hours of application.
- Provide adequate ventilation during application and the drying period.
- Do NOT paint in direct sunlight.
- Soak all cloths with traces of paint or solvent in water to prevent spontaneous combustion.
- Before application a colour comparison is recommended.
- Stir products thoroughly each time before use.
- Not recommended for use on surfaces other than metals and not suitable for use direct to zinc coated metals.
- Not recommended for use on surfaces where there is the collection of drinking water and in high corrosion environments.

Surface Preparation

General surface preparation	All surfaces must be clean, bare, dry and free of wax, grease and other surface contaminants. Remove all rust by abrasive blasting or mechanical sanding. Only use a non-metallic sand paper or abrasive pad. Use Haymes Paint MetalPlus Rust Converter Primer Sealer on any remaining traces of rust. Apply the specified primer within 24 hours of blasting or sanding.
Previously painted surface	Conduct an adhesion test [1], followed by a compatibility test [2]. Scrape all loose flaking paint. Sand surface smooth to a dull finish and remove all dust. Apply one coat of MetalPlus Universal Primer, however, for surfaces in sound condition, no primer or undercoat is required.
Metal (ferrous), steel, wrought iron	Remove all loose rust by wire brushing, scraping or abrading with a non-metallic scourer or sandpaper. Apply one coat of Haymes Paint MetalPlus Universal Primer or MetalPlus Etch Primer. For harsh exposure environments and areas within 3 km of the coast, refer to Haymes Paint Service Express for further advice.
Aluminium	Apply Haymes Paint MetalPlus Etch Primer then sand with P600 wet or dry.
Galvanised Steel	Abrade with a non-metallic scourer or sand paper. Apply one coat of Haymes Paint MetalPlus Etch Primer.
Zincalume and Zincaneal	Remove oil using a solvent degreaser, then wash with Haymes Paint Unikleen using a mop or soft bristle brush, rinse with clean water. After cleaning, apply one coat of Haymes Paint MetalPlus Universal Primer or MetalPlus Etch Primer.
Adhesion and compatibility test	[1] To check the adhesion of an existing coating, cut an 'X' lightly into the coating and firmly apply adhesive tape across the cut and then remove tape. If the tape removes the existing coating, remove all previous coatings before painting. [2] Test for compatibility with a previous coating by sanding and cleaning a small inconspicuous area. Apply 1 coat of the desired topcoat and allow to dry. After 24 hours conduct an adhesion test. If the tape removes the coating, remove all previous coatings before painting. It is recommended to conduct the compatibility test in several areas.

Application

- Brush: Quality synthetic brush
- Roller: 5mm synthetic cover on smooth to semi smooth surfaces
- Spray: Airless Spray, High Volume Low Pressure (HVLP) fluid tip 1.3-1.4 mm and spray pressure 40 to 70 kPa, conventional suction feed spray 1.2 to 1.3mm and spray pressure 200 to 240 kPa

Thinning

May be thinned with up to 20% Haymes Paint ICS Enamel Thinner or 10% Haymes Paint MetalPlus Brushable Thinner. Thinning the product may require the application of additional coats to achieve sufficient film build.

Care and Maintenance

Protect the surface against knocks and abrasion for 7 days. Maximum adhesion may take several days to develop depending on film build and drying conditions.

Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Keep containers closed when not in use. Check regularly for leaks.

Safety & First Aid

Read the Safety Data Sheet (SDS) for this product, prior to using this product. The SDS contains important information on how to use this product safely including hazards and precautions, personal protective equipment, storage and first aid in the event of an emergency. To obtain a copy of the SDS, go to the Haymes Paint website, <https://www.haymespaint.com.au/products/technical/product-data-sheets-and-safety-data-sheets/>, or contact Haymes Service Express on 1800 033 431

Protect our Environment

Do NOT pour left over product down the drain. Retain in a marked, sealed container for future use or disposal via chemical waste collection programs. Dried empty containers can be recycled and should be disposed of via council recycling facilities. Do not re-use empty containers.

Manufacturer's comment

This product has been designed as part of an 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. Important safety information is available on the Safety Data Sheet available from Haymes Paint website www.haymespaint.com.au. Further information about other Haymes products recommended to be used in conjunction with this product are available from the website in the form of Product Data Sheets in relation to those products. We are continually updating materials and methods, so please ensure you have the latest information on the Haymes Paint website.

Disclaimer

The information provided in this Product Data Sheet is correct at the time of preparation, but is subject to change. It is your responsibility to check the Haymes Paint website at www.haymespaint.com.au to ensure that you have the most current Product Data Sheet. Product application and performance is affected by environmental conditions at the time of application and drying. Paint applied in conditions outside of what is recommended may dry more slowly or be less durable, or produce a less uniform appearance.



Australia's first family of paint. SINCE 1935

Version

Version and Date Issued

Version 1.0 Date 14/3/2024

Henry Haymes Pty Ltd
A.B.N. 14 004 201 638
Waringa Drive
Wendouree Industrial Park
Ballarat Vic 3355
Freecall 1800 033 431
www.haymepaint.com.au