


Product Name	
Full Product Name	418 UV Superior Enamel Mixed Colours
Type of Product	1K Silicone Modified Enamel Topcoat
Description	Uniguard UV Superior Enamel is a premium enamel top coat utilising advanced UV protection technology giving superior colour and gloss retention. It provides excellent durability and strong protection against rust and corrosion. Sold as pre packed colours including the full range of Colorbond colours.

Products				
Product Name	Volume Solids %	Weight Solids %	Density g/mL lbs/US gal	VOC g/L lbs/US gal
418 UV Superior Enamel Mixed Colours	50-59	55-68	1.080 9.01	415.0 3.35
812 Brushable Enamel Thinner	0.00	0.00	0.845 6.79	0.820... 6.85
804 Enamel Thinner	0.00	0.00	0.802 6.69	0.802 6.69

Properties
<ul style="list-style-type: none"> • Superior performance when compared to other QD enamels
<ul style="list-style-type: none"> • Fast drying
<ul style="list-style-type: none"> • High gloss
<ul style="list-style-type: none"> • Uniguard's rust protection performance

Substrate Preparation





 Mild Steel	DTM: Sand with 240 Frecut Primer: Concept 113 ZP Primer or 103 Etch Primer then sand with P600 wet or dry
Aluminium	Apply Concept 103 Etch Primer or Concept 110 Metal Etch Primer or Concept 111 Universal Primer (HB) then sand with P600 wet or dry
Galvanised Iron	Apply Concept 103 Etch Primer or Concept 110 Metal Etch Primer or Concept 111 Universal Primer (HB) then sand with P600 wet or dry
Glass Reinforced Plastics (GRP)	Apply Concept 103 Etch Primer or 111 Universal Primer (HB) then sand with P600 wet or dry
Previously painted Surfaces (in sound condition)	Sand with P600 wet or dry
Special Notes: <ul style="list-style-type: none"> All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Use white or light coloured primers under bright yellows, oranges and reds, if required. 	

Product Preparation




Reducer	Up to 20% (v/v) Concept 804 Enamel Thinner, if required or 10% 812 Brushable Enamel Thinner. If required 302 Enamel Hardener maybe added to the mixed colour. 16 Parts Paint to 1 Part 302 Enamel Hardener.			
Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-19 s		
	Ford 4 Cup	16-17 s		
Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
	Gravity Feed	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	Suction feed	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
	HVLP	1.3-1.5 mm 0.051-0.059"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Airless, Air Assisted, Electrostatic	Consult the manufacturer's instructions.		

Technical Data Sheet

Product Preparation cont.

	Number of coats	2	Apply one light coat followed by one even full coat. Avoid heavy wet coats.
	DFT Recommended	50 µm 2.0 mils	
	Flash off time @ 25°C (77°F)	5 min between coats	
	Drying	Air Dry/Recoat @ 25°C (77°F)	Air dry in 4-5 hours and recoat in 16 Hours
<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>			

Remarks

	Stir all products thoroughly each time before use. Stir the mixture well after thinning or adding hardener.
	Before application a colour comparison is recommended.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints 035 Gunwash

Dry Film Properties

	When compared to similar technology products.
Gloss	High
Water resistance	Good
Rust Protection	Good
Durability	Good

Product Data	
Theoretical Coverage	Approx. 6.0 m ² /L (245 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging		
Product Code	Product Name	Package Size
IN418.....	418 UV Superior Enamel Mixed Colours	1LT, 4LT
IN81292000001	812 Brushable Thinner	1LT,
IN80449200000X	804 Enamel Thinner	1LT, 4LT, 20LT
IN3029200000X	302 Enamel Hardener	250ml,500ml

Safety
<p>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.</p> <p>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.</p>

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This Technical Data Sheet supersedes all previous issues.

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