

TECHNICAL DATASHEET

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SELEMIX® 1K WB SYNTHETIC HYDRO-THINNABLE MATT TOPCOAT 8-864

PRODUCT DESCRIPTION

Selemix 8-864 is a waterborne matt enamel, one component, based on an alkyd emulsion for internal and external use.

It is recommended as matt finish for agricultural machinery, haulage equipment and other machinery and equipment.

It combines the safety and easy-to-apply characteristics of waterborne technology with the mechanical and chemical resistant properties of the solvent based synthetic enamels.

It also gives flexibility and durability.

PRODUCTS

8-864	<i>Selemix</i> 1K WB Synthetic Hydro-Thinnable Matt Topcoat
WBxx	<i>Selemix</i> Waterborne Tinters

Thinner:

Water Tap Water

SUBSTRATES AND PREPARATION



5-8851 1K Polyurethane
Primer

Wet on Wet or Machine sand with P320-360 discs and degrease






Painted Surfaces

Machine sand with P320-360 discs and degrease




Apply only on a clean and dry surface with a temperature above the dew point to avoid condensation. In confined spaces, provide adequate ventilation during application and drying.

MIXING

Thoroughly mix paint before activating and check colour before use.

	Features	Conventional	Air-Assisted Airless
	By Weight:		
	8-864 Topcoat	1000	1000
	Water	0	0
	By Volume:		
	8-864 Topcoat	10	10
	Water	No thinning required	No thinning required
	Viscosity (at 20°C):	As supplied	As supplied
	Pot Life (at 20°C):	unlimited	unlimited

APPLICATION

	Features	Conventional	Air-Assisted Airless
	Spraygun setup:	Nozzle: Gravity: 1.3 - 1.4 mm Suction: 1.6 mm Pressure feed: 0.8 - 1.0 mm	Nozzle: 9-11 thou 0.23-0.28 mm
	Air Pressure:	HVLP: 2 Bar Standard: 2-3 Bar	2 – 3 Bar
	Fluid Pressure:	N/A	70 - 100 Bar
	Number of coats:	2 medium coats	2 medium coats
	Flash-off between coats:	10-25 mins minimum at 20°C or until matt	10-25 mins minimum at 20°C or until matt
	Drying:	Air dry	Air dry
	Flash-off before bake:	N/A	N/A
	Wet Film Thickness:	100-125 microns	100-125 microns
	Dry Film Thickness:	40-50 microns	40-50 microns

MATTING CHART (All Colours)

	8-863 Matt	8-863/8-864 Semi-Matt	8-863/8-864 Semi-Gloss	8-863 Gloss	8-863 Black Colours Gloss
8-863	-	35 %	50 %	75 %	85 %
8-864	75 %	40 %	25 %	-	-
Tinting Bases	25 %	25 %	25 %	25 %	15 %

DRYING TIMES



at 20°C

Dust Free	10-15 mins
Touch Free	4 - 5 hours
Handleable	24 hours
Hard Dry	48 hours
Stoving:	Not recommended
Overcoating time:	Minimum: 24 hours Maximum: 7 days without sanding on clean surface with itself
Note:	Lower temperature or film thickness higher than 50µm will extend drying times. The drying times quoted are approximate times and will vary depending on drying conditions and film thickness. Poor ventilation, temperature below 20°C, humidity above 85% RH and excessive film thickness will extend the drying times.

TECHNICAL DATA

Based on ready-for-use mixed paint including water:	
VOC (g/L):	58 g/L
Solid content (weight):	32-42 %
Solid content (volume):	28-34 %
Theoretical coverage:	5.7 - 6.8 m ² per litre at 50 microns DFT
Specific gravity (Ready for use)	1.05-1.13 Kg/L
Gloss:	Gloss to Matt Finish
Storage:	STORE FREE FROM FROST ABOVE 4°C. Prolonged exposure to high temperatures or direct sources of heat should be avoided

PRODUCT CODES AND DESCRIPTIONS

Selemix Code	Short Code	Product Description	Packsize	
1.788.6300/E3.75K	8-863	1K WB Synthetic Hydro-Thinnable Gloss Topcoat	3.75	Kg
1.788.6400/E3.75K	8-864	1K WB Synthetic Hydro-Thinnable Matt Topcoat	3.75	Kg

HEALTH AND SAFETY

For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and Product can labels.

THIS PRODUCT IS FOR PROFESSIONAL USE ONLY

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the stability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of our experience and our policy of continuous product development. Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.

FOR FURTHER INFORMATION PLEASE CONTACT:

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