EAE High Solids Acrylic Urethane Enamel

GENERAL INFORMATION

EAE High Solids Acrylic Urethane Enamel is a high-solid single-stage intermix system that provides high performance for shops specializing in overall repaints and fleet applications.

1. COMPONENTS

• EAE	Acrylic Urethane Enamel Color
• MH-062	Premium Hardener - Normal
• MR-0960	Premium Urethane Reducer - Cool
• MR-0970	Premium Urethane Reducer - Medium
• MR-0985	Premium Urethane Reducer - Hot
• MR-0995	Premium Urethane Reducer - Very Hot

2. MIXING RATIO (1:10% by Vol.) OR (8:1:10% by Vol.)

• Mix one (1) part EAE with 10% of MR-Series Reducer by volume.

• For best performance, mix eight (8) parts EAE with one (1) part MH-062 Premium Hardener - Normal and 10% of MR-Series Reducer by volume.
NOTE: Choose reducer based on panel temperature and size of part being finished.

3. POT LIFE @ 77°F (25°C)

• Sprayable up to 4 hours with MH-062
• 7 days when mixed without MH-062
NOTE: Pot life will shorten as temperatures increase. Matrix Edge™ System products are not recommended for use when panel temperature is below 60°F.

4. CLEAN UP

• Clean equipment immediately after use according to local regulations.

5. ADDITIVES

• Add up to 1% MX-02 Universal Fisheye Eliminator.

6. SURFACE PREPARATION

• Surfaces should be prepared using the proper undercoat system following recommended procedures.
• All surfaces should be final sanded with P320-P500 grit or equivalent.
• Mask all adjacent areas to prevent overspray problems.

7. TOPCOATS

• N/A

8. TECH NOTES

• N/A

9. SUBSTRATES (Properly Prepared)

• All Matrix Edge 2K Primers
• All Matrix Edge 2K Primer Sealers
• OEM Finishes
• Previously painted surfaces

10. APPLICATION

• Spray two (2) to three (3) medium wet coats allowing 20 minutes flash between coats.

11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	20 minutes
Tape time without activator	Overnight
Tape time with activator	Overnight
To deliver	Next Day

FORCE DRY

Flash before force dry	20 minutes
Force Dry time	30 minutes @ 130°F (54°C)
To tape after cool down	1-2 Hours
To topcoat after cool down	1-2 Hours

12. INFRARED CURE

• N/A

13. SPRAY GUN SET UP

Conventional Spray Gun	
Gravity Feed	1.4mm-1.5mm
HVLP	
Gravity Feed	1.3mm-1.5mm

Air Pressures (@ the gun)	
Conventional Spray Gun	
Gravity Feed	30-35psi (2.0-2.5 bar)
HVLP	
Gravity Feed	30psi (2.0 bar)
See spray gun manufacturer	

14. PHYSICAL DATA

RTS Regulatory Data	10% Reduction MR-Series Reducers		8:1:10% MR-Series Reducers	
	LBS./GAL	g/L	LBS./GAL	g/L
Actual VOC	5.0 Max	600 Max	5.0 Max	600 Max
Regulatory VOC (Less water and exempt solvents)	5.0 Max	600 Max	5.0 Max	600 Max
Density	8-10	960-1200	8-10	960-1200
	WT.%	VOL.%	WT.%	VOL.%
Total Solids Content	35-55	30-40	35-55	30-40
Total Volatile Content	45-65	60-70	45-65	60-70
Water	0	0	0	0
Exempt Compound Content	0-5	0-5	0-5	0-5
Coating Category	Single-Stage			

NOTE: Values reflect use with and without optional additives. US Regulations allow for the use of exempt compounds for VOC calculations.

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