

## Euro Colour Master Colour

**Description:** Euro Colour Master Colour is a concentrated basecoat for use in clear over systems for solid, metallic and pearl colours. Ease of application and accurate colour matching. Fast dry. Excellent colour retention under outdoor environment. Perfect aluminum flake control in metallic colours. Enable to use in various binder systems, for example 1K and 2K, to achieve appropriate application. Recommend used for spot, panel and over repair.

### Relevant Products

Master Colour	Concentrated tinters
AE 1400	Acrylic Basecoat binder
AE 1500	Basecoat binder
AE 1600	Basecoat binder
AE 1700	2K 3:1 basecoat solid binder
AE 1800	2K 4:1 basecoat solid binder
E 444	MS Universal Hardener
E 585	2K Thinner (fast dry for under low temperature work or spot repair)
E 500	2K Thinner (normal dry)
E 500S	2K Thinner (slow dry for under high temperature condition or overall repair)

### Recommended Substrates

- OEM finishes
- Cured repaired finishes
- EURO COLOUR MS 2K Primer Filler 4:1 E 240
- EURO COLOUR MS 2K Primer Filler 4:1 E 242
- EURO COLOUR MS 2K Primer 4:1 E2300
- EURO COLOUR MS 2K Primer 4:1 E2400
- EURO COLOUR MS 2K Primer 4:1 E2500
- EURO COLOUR Epoxy Primer AE 1860
- EURO COLOUR Plastic Primer AE 1130

### Substrate Preparation

#### Euro Colour MS 2K Primer Filler, Epoxy Primer AE 1860








1. Wet sand thoroughly with sandpaper P600-P800
2. Completely clean the surface with water and soap
3. Wipe out to remove oil and dust by EURO COLOUR Degreaser E-100 or E-100 QUICK and wipe dry with clean cloth.

#### OEM finishes, Cured repaired finishes

1. Wet sand the working area thoroughly with sandpaper P600-P800
2. Completely clean the surface with water and soap
3. Wipe out to remove oil and dust by EURO COLOUR Degreaser E-100 or E-100 QUICK and wipe dry with clean cloth.

#### Euro Colour Plastic Primer AE 1130

#### Overcoat with Master Colour

Product Preparation					
	Colour tool	See colour matching formula			
	Mixing ratio	Standard Basecoat	2K 3:1 Slow dry Direct gloss basecoat	2K 4:1 Fast dry Direct gloss basecoat	1K Acrylic Basecoat
	Master Colour	30.0	30-40	30-40	30
	AE 1400	-	-	-	70
	AE 1500	63-70	-	-	-
	AE 1600	0-7	-	-	-
	AE 1700	-	60-70	-	-
	AE 1800	-	-	60-70	-
	E 444	-	30	25	-
2K Thinner	80-100	30-60	30-60	80-100	
	VOC	756-791 g/lit			
	Pot life @ 20 °C Standard Solid system	Not applicable 30 minute			
	Spray viscosity at 20°C	DIN 4 FORD 4 AFNOR 4	16 s 18 s 20 s		
	Spray gun	Gravity feed Suction feed HVLP Pressure feed	Nozzle Size		Spray distance
			1.2-1.4 mm	15-20 cm	
			1.5-1.8 mm	15-20 cm	
			1.4-1.6 mm	15 cm	
1.2 mm	20-25 cm				
	Air Pressure	Gravity feed Suction feed HVLP Pressure feed	Spot repairs		Panel repairs
			2-2.5 bar	2.5-3 bar	
			2-2.5 bar	2.5-3 bar	
			0.7 bar at nozzle	0.7 bar at nozzle	
3 bar	3 bar				
	Numbers to sprays	2 – 3 times			
	Flash time	Till flat between coats and before topcoating. Tackrag free after 20 min.			
	Theoretical coverage	6-8 m <sup>2</sup> /lit at recommended DFT,15-20µ,- ready-to-spray			

## Clearcoat application

Euro Colour clearcoat must be applied when Master Colour is completely flat. Maximum time before clearcoating is 3 days.

Products	Packages (lit)	Storability at 20° C (month)	Density @ 25 20° C (g/lit)
Master Colour	500-1000-4000	24	900-1200
AE 1400	4000	24	950
AE 1500	4000	24	907
AE 1600	4000	24	915
AE 1700	4000	24	965
E 444	0.500	12	980-999
E 585	3.785-13.000	24	900-925
E 500	3.785-13.000	24	900
E 500S	3.785-13.000	24	875-900

## Repair Systems

### Spot repair

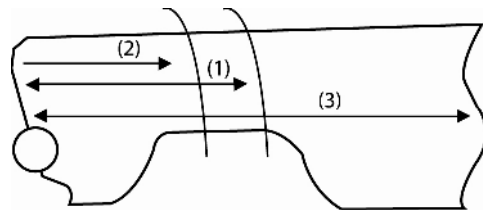
- Clean surface with water and soap.
- Degrease with Euro Colour E 100 or E 100 QUICK and wipe dry with clean cloth.
- Repair with recommended undercoats.
- Sand primed spots as recommended.
- Prepare complete blending area with sand wet with P1200.
- Rinse with water and wipe dry
- Degrease with E 100 or E 100 QUICK
- Wipe dry and tack rag.
- The following spot repair methods can be used:
  - With use of mid-coat
  - Without use of mid-coat

### Spray pressure for spot repair area: 2-2.5 bar

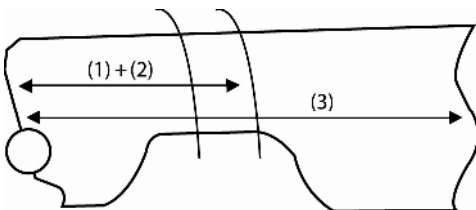
#### With use of mid-coat

Mid-coat preparation: mis AE 1600 with E 500 by 1:0.8

- Apply mid-coat, flash till completely flat.
- Apply 2 coats of basecoat, extending 2<sup>nd</sup> coat beyond the previous one. Flash time: 5-7 minutes @ 25°C
- Apply the clearcoat on the entire panel after the last coat of the basecoat is completely flat. Estimate time: 30 minutes @ 25°C



#### Without use of mid-coat



- (1)+(2) Apply 2 to 3 coats Master Colour extending each one beyond the previous one.
- (3) Apply the clearcoat on the entire panel after the last coat of the basecoat is completely flat.

**Master Colour's Colour Shades**

Number	Description
AE 1	EURO COLOUR MASTER COLOUR WHITE H.S.
AE 2	EURO COLOUR MASTER COLOUR WHITE L.S.
AE 3	EURO COLOUR MASTER COLOUR MICRO WHITE
AE 4	EURO COLOUR ZERO BLACK
AE 5	EURO COLOUR MASTER COLOUR MICRO JET BLACK
AE 6	EURO COLOUR MASTER COLOUR BLACK H.S.
AE 7	EURO COLOUR MASTER COLOUR BLACK L.S.
AE 10	EURO COLOUR MASTER COLOUR FINE ALUMINIUM
AE 11	EURO COLOUR MASTER COLOUR MEDIUM ALUMINIUM
AE 13	EURO COLOUR MASTER COLOUR MEDIUM COARSE ALUMINIUM
AE 14	EURO COLOUR MASTER COLOUR COARSE ALUMINIUM
AE 16	EURO COLOUR MASTER COLOUR MEDIUM FINE ALUMINIUM
AE 17	EURO COLOUR MASTER COLOUR BRIGHT FINE ALUMINIUM
AE 20	EURO COLOUR MASTER COLOUR VIOLET
AE 21	EURO COLOUR MASTER COLOUR VIOLET BLUE
AE 27	EURO COLOUR MASTER COLOUR TRANSPARENT BLUE
AE 28	EURO COLOUR MASTER COLOUR FAST BLUE H.S.
AE 29	EURO COLOUR MASTER COLOUR LIGHT BLUE
AE 30	EURO COLOUR MASTER COLOUR FAST GREEN H.S.
AE 32	EURO COLOUR MASTER COLOUR GREEN
AE 33	EURO COLOUR MASTER COLOUR GREEN GOLD
AE 42	EURO COLOUR MASTER COLOUR LIGHT YELLOW
AE 43	EURO COLOUR MASTER COLOUR BRIGHT YELLOW
AE 45	EURO COLOUR MASTER COLOUR TRANSPARENT YELLOW
AE 46	EURO COLOUR MASTER COLOUR YELLOW ORANGE
AE 50	EURO COLOUR MASTER COLOUR BRILLIANT RED
AE 51	EURO COLOUR MASTER COLOUR BRIGHT ORANGE
AE 52	EURO COLOUR MASTER COLOUR ORANGE
AE 55	EURO COLOUR MASTER COLOUR LIGHT RED
AE 62	EURO COLOUR MASTER COLOUR TRANSPARENT RED H.S.
AE 64	EURO COLOUR MASTER COLOUR MAGENTA
AE 66	EURO COLOUR MASTER COLOUR RED VIOLET
AE 72	EURO COLOUR MASTER COLOUR RUSSEL PEARL
AE 73	EURO COLOUR MASTER COLOUR WHITE PEARL
AE 74	EURO COLOUR MASTER COLOUR BLUE PEARL
AE 75	EURO COLOUR MASTER COLOUR SUPER GREEN PEARL
AE 76	EURO COLOUR MASTER COLOUR GOLD PEARL

AE 77	EURO COLOUR MASTER COLOUR COPPER PEARL
<b>Number</b>	<b>Description</b>
AE 78	EURO COLOUR MASTER COLOUR ALUMINIUM GOLD
AE 79	EURO COLOUR MASTER COLOUR VIOLET PEARL
AE 80	EURO COLOUR MASTER COLOUR OCHRE
AE 82	EURO COLOUR MASTER COLOUR YELLOW OXIDE L.S.
AE 84	EURO COLOUR MASTER COLOUR RED OXIDE L.S.
AE 85	EURO COLOUR MASTER COLOUR TRANSPARENT MAROON
AR 86	EURO COLOUR MASTER COLOUR OPAQUE RED
AE 90	EURO COLOUR MASTER COLOUR TRANSOXIDE YELLOW
AE 91	EURO COLOUR MASTER COLOUR TRANSOXIDE RED
AE 93	EURO COLOUR MASTER COLOUR TRANSPARENT BROWN
AE 94	EURO COLOUR MASTER COLOUR EXTRA COARSE ALUMINIUM
AE 95	EURO COLOUR MASTER COLOUR BRIGHT COARSE ALUMINIUM
AE 721	EURO COLOUR MASTER COLOUR RED SATIN
AE 724	EURO COLOUR MASTER COLOUR RUTILE RED PEARL
AE 728	EURO COLOUR MASTER COLOUR RED GREEN PEARL
AE 731	EURO COLOUR MASTER COLOUR FINE SATIN PEARL
AE 732	EURO COLOUR MASTER COLOUR MEDIUM WHITE PEARL
AE 735	EURO COLOUR CRYSTAL
AE 741	EURO COLOUR MASTER COLOUR FINE BLUE PEARL
AE 756	EURO COLOUR MASTER COLOUR BLUE GREEN PEARL
AE 765	EURO COLOUR SUNBEAM GOLD
AE 1400	EURO COLOUR ACRYLIC BINDER
AE 1500	EURO COLOUR B/C BINDER
AE 1600	EURO COLOUR B/C BINDER
AE 1700	EURO COLOUR 2K BINDER
AE 4530	EURO COLOUR MASTER FLIP-FLOP CONTROL

### Safety Information

- Consult the chemical safety data sheet prior to use.
- Read the precautionary notice displayed on the container.
- Suggested protection suit and accessories must be used while working
- MSDS is available at distributors or the manufacture

### VOC Regulated Areas

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

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