

Euro Colour

MS 2K Primer Filler E 240, E 242, E 245

Description: Euro Colour E 240, E 242 and E 245 are high build 2K urethane primer filler with a simple 4:1 mixing ratio. They are exceptionally fast-dry with excellent sandability. They have excellent hold out and share activator with Euro Colour E 321, 333 and Master Colour. There are three shades available: E 240 as gray, E 242 as light gray and E 245 as dark gray.

Relevant Products

E 240	MS 2K Primer Filler 4:1 (gray)
E 242	MS 2K Primer Filler 4:1 (light gray)
E 444	MS Universal Activator
E 585	2K Thinner
E 500	2K Thinner (for spot or panel repair)
E 500s	2K Thinner (for overall repair)
Master Colour	Concentrated Tinter

Recommended Substrates








- OEM finishes
- Cured repaired finishes
- Euro Colour 2K Polyester Putty E 160
- Euro Colour 2K Polyester Putty E 749
- Euro Colour 2K Polyester Putty RE 769
- Euro Colour Surface Polyester Putty E 702
- Euro Colour Epoxy Primer AE 1130
- Euro Colour Plastic Primer AE 1860

Topcoats

- Euro Colour Master Colour

Physical Properties

Appearance	Vicious Liquid
Colour	
E 240	Gray
E 242	Light Gray
E 245	Dark Gray
Odour	Characteristic
Viscosity	< 60 sec (Ford #4)
Density (g/lit)	1500
% non- volatile	<65.5 %
ph	n/a
% soluble in water	< 1.00 %

Product Preparation				
	Mixing Ratio	Euro Colour MS 2K Primer Filler Euro Colour E 444 Euro Colour 2k Thinner		4 Parts 1 Part 2.0-2.5 Part
Apply VOC	580-590 g/l			
	Pot life @ 20° C	1 hours		
	Spray viscosity @ 20° C	IWATA # 2	12 ± 0.10 sec	
	Spray equipment	Gravity feed Suction feed	Nozzle size	Distance
			1.6 – 1.8 mm 1.6 – 1.8 mm	15 – 20 cm 15 – 20 cm
	Spray pressure	Gravity feed Suction feed	35-40 pounds 35-40 pounds	
	Number of coats	2-3		
	Flash time	5-10 minutes		
	Theoretical coverage	8-10 m ² /lit at recommended DFT 0.9-1.0 mm -ready-to-spray		

Substrate Preparation

Euro Colour E 502, E 160, RE 769

1. Sand with sandpaper P240-P320
2. Wash with water and soap
3. Wipe dry with clean cloth
4. Degrease with Euro Colour E 100 or E 100QUICK

Euro Colour AE 1860, OEM Finishes, Cured repaired finishes

1. Sand with sandpaper P320-P400
2. Wash with water and soap
3. Wipe dry with clean cloth
4. Degrease with Euro Colour E 100 or E 100QUICK

Euro Colour AE 1130: Allow AE 1130 to dry for 20 before coating. DO NOT Degrease properly with Euro Colour E 100 or E 100QUICK.
DO NOT leave AE 1130 over 1 hour after priming.

Remark: Avoid the use of excessively coarse grit sandpaper.

Recoatibility or Topcoating

Sanding the primer with sandpaper P600-P800 if the primer has been allowed sitting for more than 16 hours

Film Property	
Drying Time (@ 20°C) - Dust-free - Dry sand - Hard Dry	5-10 minutes 1 hour 2 hours
IR drying (@ 80°C) - Flash time - Distance - Time to dry	5-10 minutes 80 cm 30 minutes
Film Thickness	120-140 μ
Gloss (60°)	n/a
Hardness	H
Adhesion	25/25
Resistance NaOH (5%)	Excellent
Resistance to general thinner	Excellent

Repair Systems

Overall repair

Pay attention to the application method. Spray procedure has to ensure proper overspray meltin which is achieved within 2 min. of the clear application. In case of working in high temperature condition, to avoid overspray, Euro Colour E500S is recommended to use. Lower spray pressure and slower spray stoke are required to achieve DFT recommended.

Products	Packages (lit)	Storability @ 20° C (month)	Density @ 20° C (g/lit)
Euro Colour E 240, E 242	3.785	24	1500
Euro Colour E 444	0.500	20	980-999
Euro Colour 2K thinner	3.785-13.000	24	Variouly depended on each

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
- INDIVIDUALS WITH HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES SHOULD NOT USE OR BE EXPOSED TO VAPOR OR SPRAY MIST. Do not permit anyone without protection in the painting area.

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.

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user.

