
Product Name: Grey 2 Pack Low VOC Epoxy Chrome Free Anti-Corrosive Primer

Product Number: DEF80-123-6500

Product Description: 2 pack low VOC solvent based, high performance chrome free, air drying epoxy primer. Developed to provide a high performance low environmental impact Toluene and Xylene free coating.

Available in Mid Grey. The 2pk coating is designed to meet the performance requirements of Def Standard 80-123. The coating is intended for spray application to provide a corrosion inhibiting coating that can be used as a standalone finish or as a base for subsequent coatings including Powder Coating.

Approvals/Specifications: Tested for compliance with the requirements of Def Standard 80-123

Performance: Additional information:

Heat Resistance: 200°C±5°C (400°F±10°F) for 48 hours without evidence of chalking, blistering or flaking.

Hot Oil Resistance: Film, after immersion for eight hours in ASTM Service Fluid No. 101 (ref. ASTM D 471) at 170°C±5°C (350°F±10°F) shows no peeling, blistering or softening.

Fuel Resistance: Film withstands immersion in ASTM Reference Fuel (ASTM D 471) at room temperature for four hours without blistering, peeling or softening.

Components:

Base:	DEF80-123-6500
Catalyst:	DEF80-123-CAT
Thinner:	DEF80-123-THIN

Application:

Surface Preparation:

Apply over suitably prepared surface. Ensure surface is clean and dust / dirt free. The minimum pre-treatment is to degrease the substrate.

May be used over chemical conversion coatings:

Aluminium: Chromate or Chromate free pre-treatment

Magnesium: Chromate pre-treatment or Anodizing

Paint Preparation:

Thoroughly mix base component (Part – A) before use.

Mix 7 parts base to 1 part catalyst by volume (95.2 parts base to 10 parts catalyst by weight)

Induction time: 15 minutes

Application Method:

Apply by spray; conventional, HVLP or compliant guns.

Recommended shop conditions:

Temp: 15-25°C; Humidity: 35-75% RH

Drying Curing:

Air Dry: 30-45 minutes touch dry; 16 hours hard dry

Heat Cure: 15-30 mins flash off

Cure: 20-30 mins at 125°C (257°F) metal temperature

Technical Properties:

Supply Viscosity: Mixed coating ready for use

Flash Point: 27°C

VOC Content: 330 g per litre (mixed)

Colour: Grey

Pack Size (lt): Part-A: 14lt, Part-B: 2lt

Density: Part-A: 1.30 ± 0.04 g/ml
Part-B: 1.0 ± 0.02 g/ml

Dry Film Density: 1.58 +/- 0.03 kg / litre

Gloss: Primer

Thinner: DEF80-123-THIN

Solvent/Clean Up:	40006
Catalyst:	DEF80-123-CAT
Theoretical Coverage:	Theoretical 22 m ² /litre @ 25 microns

Storage:

Highly flammable liquid: store and use in accordance with the flammable liquid regulations

Shelf Life: 12 months temperate; 6 months tropical

Before use, refer to Product Safety Data Sheet

Disclaimer:

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Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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