



EF80 EPOXY FILLER PAINT

A 2 Part Epoxy Filler Paint

EF80 is an important element of a successful composite tooling package on master patterns which are difficult to spray with EC85.

CHARACTERISTICS:

- Easily applied to the tooling block
- Good coverage on porous blocks
- Easily flattened down
- Fast coating time
- High hardness
- Competitive cost and delivery
- 2 year storage life at ambient temperature

PROPERTIES

Density	Part A 1.3 g/cm ³ (81.2 lbs/ft ³)
	Part B 0.9 g/cm ³ (56.2 lbs/ft ³)
Service temperature	70°C (158°F) maximum



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MIX RATIO

EF80 epoxy filler paint is supplied as a two part system (2 Ltr + 1 Ltr) with an optional thinner constituent Part C (1 Ltr):

Part A: Epoxy base paint (White coloured)

Part B: Hardener (Amber coloured)

		<u>Example</u>
Mix Ratio (by volume)	2 part epoxy base (part A) 1 part hardener (part B)	200cm ³ 100cm ³
Mix Ratio (P.B.W)	100 part epoxy base (part A) 37 part hardener (part B)	100g 37g

Stir and shake part A before use until all the pigment is uniformly dispersed before adding the hardener. Stir and mix thoroughly until uniform, then adjust as required (approx 10% is recommended).

SPRAY APPLICATION

The surface of the master to be coated must be clean and dry, with all traces of oil and grease removed with a suitable solvent, EF80 PART C THINNER is ideal.

For best results, spray application is recommended and a purpose built spray booth should always be used. A suitable breathing mask should be worn, preferably air fed.

Apply a dry film thickness of 30 – 40 microns, if a second coat is required allow the first coat to flash off completely dry before applying the second coat.

Recommended 12 hours drying at ambient 20°C (68 °F) before flattening with 320 grade abrasive paper. After flattening wipe clean with part C thinner and dry before applying EC85 finish.

PACKAGING

EF80	Part A:	2 litre
	Part B:	1 litre
	Part C:	1 litre



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STORAGE

Shelf life is 2 years at ambient temperature un-opened in the original container at 20°C (68°F)

HANDLING SAFETY

Observe established precautions for handling epoxy resins and solvents. Wear gloves and use suitable breathing masks, preferably air fed.

For further information refer to Material Safety Data Sheet.

FURTHER INFORMATION

Please contact Amber Composites for additional information.

This is not a specification. The information given in this data sheet in relation to the performance, storage and other characteristics of the product is based on results gained from experience and tests and is believed to be accurate. Given, however, that conditions of use and storage will vary, Amber Composites will not be liable for any loss or damage resulting from reliance upon such information. The purchaser is recommended to carry out his own tests to establish the suitability of the product for its particular purpose. The use of the product in certain processes may require third party consent.