



## EG42

### High Temperature Epoxy Gelcoat

Three part high performance gelcoat to be used in conjunction with Amber Composites HX42 low temperature curing epoxy prepreg and EL42 laminating resin.

MIX RATIO	PART A	PART B	PART C
Colour	Black	Pink	Yellow
p.b.w	100	33	1

N.B: Accelerated gel-time possible by application of heat

### APPLICATION OF GELCOAT

(a) Mix the quantity of EG42 High Temperature Gelcoat required, to the following ratio's

MIX RATIO	PART A	PART B	PART C
Colour	Black	Pink	Yellow
p.b.w	100	33	1

- (b) Apply to the mold surface using a clean brush. Ensure that a smooth even coat, approximately 0.5mm thick is achieved.
- (c) Allow the gelcoat to partly cure to a 'finger tack' state only (i.e. when a finger will leave an imprint but not pick up any resin when removed).

Please note: it is essential not to over-cure at this stage, to ensure good cohesion between the gelcoat and final laminate. Once this stage is reached temperature should be returned to ambient immediately to prevent over-curing.

### INITIAL 'FINGER TACK' (Actual tests to be carried out at ambient)

Please note in all cases we would recommend a sample mix is tested.

20°C Approx	16 hours
40°C Approx	6.5 hours
50°C Approx	4 hours



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**STORAGE:** Store at below 15°C in dry conditions.  
Shelf life of constituent components: 12 months at < 15°C

Please note; contents may settle during storage. If so re-mix individual parts prior to formulating.

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**PACKAGING:** Part A 2.5 kg  
Part B 0.825 kg  
Part C 50 g

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### 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.

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### 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.