

“Intrado” Car Manufactured By Far-UK Ltd Using Crestapol® 1250LV Resin and Crestabond® M1-20 Structural Adhesive

Company Profile - Far-UK Ltd

LOCATION : NOTTINGHAM, UK

Far is an innovative company offering a revolutionary approach to the design and manufacturing of lightweight structural composite components.

The company is based in Nottingham, bringing together the combined industry expertise of engineering, manufacturing and materials to create a design team with future manufacturing capabilities and training packages for those organisations with a desire to enter the composites industry, either directly or in partnership with their existing customers and suppliers.

The employees of Far have a strong automotive background and bring that experience to both automotive customers as well as other industries where cost effective and lightweight solutions are important. Far offers its services in the design and conceptualisation of new products and services, specialising in low carbon emission vehicles. The business offers its clients a range of services; from day rate contracting on specific projects or manufacturing of specific components, through to a full service proposition.

For example, in the full service, Far will design the key structural elements of carbon fibre vehicles, build and validate the prototypes for the client and then offer the on-going supply of structural elements or transfer the key technologies and knowledge so that the customers can build their own vehicles.

This may include the production of small runs of vehicles for road testing and publicity purposes, as well as the design of factories for clients to initiate their own production. Far is also working with a range of non-automotive customers where the core skills the company possess can offer real added value to those customers.

Crestapol® and Crestabond® Application

Crestapol® 1250LV and Crestabond® M1-20 Structural Adhesive

- The resin system is used in either vacuum infusion or resin transfer moulding processes.
- The adhesive is used to make structural joints at nodal points of the space frame chassis.



Benefits/Advantages

Crestapol® 1250LV

- ✓ Exceptional strength and durability
- ✓ Lightweight
- ✓ Rapid cycle times
- ✓ High temperature resistance
- ✓ Ultra low water absorption
- ✓ Room temperature cure
- ✓ Single one stage cure profile
- ✓ Superb surface finish

Crestabond® M1-20

- ✓ Improved, more flexible assembly production
- ✓ Accurate adhesive application
- ✓ Minimal surface preparation
- ✓ Out performs other adhesive technologies
- ✓ Avoids material selection error
- ✓ Reduced assembly times
- ✓ Superb surface finish

Customer Quote

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“Scott Bader and Axon Automotive have worked together for more than 4 years on applications of the Crestapol® 1250LV resin and Crestabond® M1-20 adhesives. We are extremely pleased by both the technical excellence of the products and the support given by Scott Bader. The inherent fast cure characteristics allow the potential for high volume production of these components.”

Far-UK

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