

CARBON FIBRE PARTS FOR AMBULANCES MANUFACTURED BY FAIBER USING CRYSTIC CRESTAPOL® 1250LV

Company Profile: FAIBER

LOCATION : SKENE, SWEDEN

FAIBER originally began operations in 1981 in Kinnahult, manufacturing items ranging from motorcycle fairings and bodies, to buggy cars. This soon developed into subcontract production for Swedish industrial companies and in the late 1980s, Faiber had its own production plant built in Skene.

Today, the premises have been extended and adapted to FAIBER'S needs, enabling the manufacturing of a large number of different components, from car fenders, boat hulls and advanced enclosures for prototypes, through to slides and ambulance body parts.



Crystic® Crestapol Resin

Crestapol® 1250LV

FAIBER only uses closed methods and RTM Light/ Vacuum Infusion for production due to high environmental values. Crestapol® 1250LV was chosen as an alternative to epoxy resin for the manufacture of their carbon fibre ambulance structures. This Scott Bader urethane acrylate resin technology is processed via an RTM/ infusion process and allows FAIBER to shorten cycle times and avoid elevated temperature post cure in the production of their high performance carbon composite products.

In addition to these benefits, the compatibility between Crestapol®1250LV and polyester based systems opens up a range of high performance Iso-NPG gelcoats which were previously off limit to FAIBER.



Benefits/ Advantages

- ✓ Faster process ability
- ✓ Room temperature cure and no need for post cure, resulting in rapid cycle times
- ✓ Easy to use standard gelcoats
- ✓ Exceptional strength and durability
- ✓ Excellent flow and permeability with carbon fibre technology
- ✓ Weight reduction
- ✓ Excellent surface finish

Customer Quote

“ Scott Bader has been a supplier to us for more than 20 years and we have always found them to offer high quality products and a high quality service. Finding the new Crestapol® 1250LV product has enabled us to replace the epoxy we have been using in some of our products, which in turn has reduced the process time significantly. Scott Bader with its unique structure with commonwealth ownership, excellent products and its focus on innovation, gives us full long-term confidence where both the product and supplier relationship is concerned.

Susanne Svedberg, General Manager

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