

## **Biotex Flax Used to Create Sustainable Flax Fairing for Motorbikes**

**September 2014**

C-Tech Composites has created flax fairing parts for motorbikes using Biotex Flax epoxy prepreg supplied by SHD Composites.

C-Tech Composites, a UK-based producer and designer of motorcycle bodywork discovered Composites Evolution's range of flax reinforcements during the Composites Engineering show in Birmingham, UK. Excited by the possibilities of the material, C-Tech discussed with staff at the stand the various possibilities of the natural reinforcements.

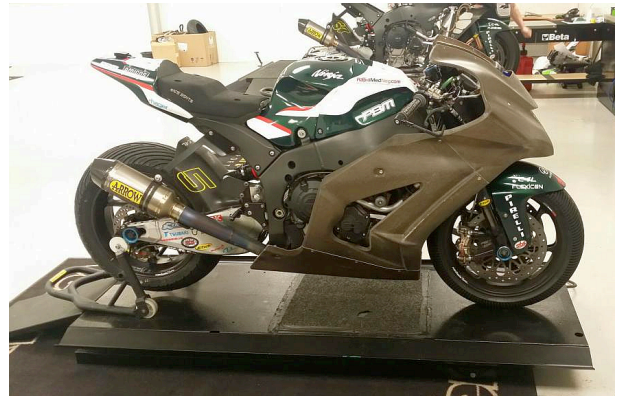
After initial contact, and with the understanding that Biotex Flax has been used successfully in a variety of applications, C-Tech then approached SHD Composites to help them to test the material. Composites Evolution supplied SHD with its Biotex Flax material, which was then impregnated with epoxy resin at SHD Composites' Sleaford, UK facilities.

C-Tech then cut and laminated the prepreg into the appropriate shape, using an autoclave system to mould and cure the part. The completed part is light and has good flex, with an impressive surface finish.

Brendon Weager, Technical Director at Composites Evolution, commented "By working with SHD who are experts in prepegging flax, C-Tech are manufacturing high performance, high quality parts from Biotex Flax, and promoting sustainability in motorsport, and we're delighted to be a part of this exciting project."

A flax fairing will be on show at the Composites Engineering show 11-12th November, NEC Birmingham at stand F135.

Photo provided by C-Tech Composites.



<http://www.ctechcomposites.co.uk>  
<http://www.shdcomposites.com>  
<http://www.compositevolution.com>

**-ENDS-**

## NOTES FOR EDITORS

### CONTACT

Gemma Smith – Communications Manager

**Tel:** +44 1246 266 244

**Email:** [gemma.smith@compositesevolution.com](mailto:gemma.smith@compositesevolution.com)

### ABOUT COMPOSITES EVOLUTION

Composites Evolution is a supplier of innovative, sustainable materials to the composites industry, including Biotex high-performance natural composites. Their product lines include fibres, resins and intermediates based on natural, bio-derived, recycled and recyclable feedstocks, which enable customers to meet cost, weight and environmental targets.

### ABOUT BIOTEX

Biotex natural reinforcements and intermediates provide the high performance and easy processing normally associated with glass fibre composites but with lower weight and environmental impact. They are suitable for semi-structural and decorative applications in sectors such as automotive, construction, marine, sports and consumer goods. Biotex uses a unique Twistless Technology to ensure a high degree of fibre alignment and performance. Standard materials include Jute, Flax, commingled Flax/PLA and commingled Flax/PP (others available on request) in formats including yarns, fabrics (woven and non-crimp) and preconsolidated sheets.