



COMPOSITES

The composites and plastics department is at the forefront of conceptual design activities within the engineering group of Gordon Murray Design. It is principally responsible for researching and promoting novel materials, technologies and manufacturing techniques that meet iStream[®] standards.

Our main aim is to continually improve technical development, design, testing and quality standards relating to composites and plastics furthermore, to support the structural engineering team in leading innovative design solutions for iStream[®] platforms.

A summary of the core competencies of the department are:

- Polymer structures manufacturing techniques and tooling design
- Design of primary and secondary composite structures and tooling
- Define material characterisation specifications, testing and analysis
- Dynamic impact test specifications, testing and analysis
- Development of bonding strategies and processes
- Definition of prototype part manufacturing specifications
- Engineering support for prototype vehicle build
- Materials and Design support for CAE