



**THE BUILT-IN
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TOM CHATTERLEY
Composites Engineering Lead, Airborne



Above: Large infusions are an ideal application for PRIME™ 37
Right: An example of a complex laminate made with PRIME™ 37

GANGWAY BUILT WITH PRIME™ 37, DELIVERING BIO CONTENT AS STANDARD

For large infusions involving relatively thick sections, being able to control the reactivity is key, especially with varying temperature conditions from summer to winter. Having used previous PRIME™ infusion systems, when using Gurit's new PRIME™ 37 system, Airborne were pleased to note that this system combined familiarity with improved performance and the ability to control their process to an exceptional degree. This greatly benefits them whether it be manufacturing a large composite gangway, or during RTM processes involving very thick laminates. Tom Chatterley, Composites Engineering Lead at Airborne commented, "the Technical Support team at Gurit provided fantastic support, advising on mix ratios and process temperatures as well as providing post cure recommendations. Additionally, the built-in bio-content and outstanding fibre wetting properties meant that PRIME™ 37 was the obvious choice to meet our customer's goals."

TARGET

Thick sections made with Infusion and RTM process

SOLUTION

PRIME™ 37 for a customisable, high performance, low viscosity resin matrix suitable for Resin Transfer Moulding

BENEFITS

Custom hardener speeds meaning the system can be optimised to balance pot life with cure speed; low viscosity and outstanding wetting properties for fast injection times

Gurit Customer Support
uk-customer.support@gurit.com

Gurit Technical Support
technical.support@gurit.com

www.gurit.com