

# Heated discussion settled!

## Description

Our expertise through the [adhere](#) program is becoming well known. Sometimes, we get thrown some interesting (if not always profitable!) questions:

I was wondering if it would be possible for you to settle a heated discussion. In which area of the aerospace industry are adhesives used? Is it only composite materials? Or is it also used in the structural aerospace industry? Your knowledge will be greatly appreciated.

The answer is: yes, structurally as well.

When a Scottish helicopter manufacturer needed an adhesive to bond the pre-preg moulded seat chassis they knew that to guarantee safety they had to pick the best performing and most reliable adhesive available. [Araldite](#) was the natural choice.

The shaped surfaces of the aluminum to carbon fiber reinforced epoxy (CFRE) joint were strongly bonded with [Araldite](#) after a simple preparation of degreasing and abrading of the contact surfaces. The resultant bond was a robust and vibration-resistant. [Araldite](#) is one of only a small number of safety-approved products deemed suitable for this high performance situation, and is a first choice for aviation designers in this field.

# Heated discussion settled!

Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

Last updated: October 2019 Version:

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.