

Odyssey Motorcycles selects Araldite® 2031 for Harley-Davidson project

Araldite® 2031 epoxy adhesive has been specified by Odyssey Motorcycles for use in the custom-build process on the Harley-Davidson Super Sport Roadster (SSR) Breakout motorbike.

On this 2014 Harley-Davidson® CVO™ Breakout® Softail® model, French manufacturer, Odyssey Motorcycles, is responsible for the carbon fibre bodywork and exclusive detailing on the gas and oil tanks.

Providing excellent adhesion on a wide range of materials including metals and thermoset composites, Araldite® 2031 is used to bond the carbon composite fuel tank shells and the aluminium parts on the front fairings.

Where mechanical fasteners, such as rivets add unwanted weight and limit profile options, adhesives like Araldite® 2031 provide a better bonding solution, optimising lightweight structures and providing greater versatility in design.

With its superior structural stability, flexibility and good chemical resistance, Araldite® 2031 is an essential component for ensuring the SSR withstands the high mechanical stresses, extremes of temperature and different chemical environments that it is likely to encounter during its lifetime.

Araldite® 2031 delivers a tough and weatherproof finish, which is important for maintaining the bike's high

aesthetic finish.

Commenting on what influenced the decision to use Araldite® 2031, Odyssey Motorcycles' pro-builder, Bertrand Dubet said:

"With an iconic brand such as Harley-Davidson and the high degree of customisation required for an application of this kind, there can be no compromise in the choice of materials or quality of the manufacturing process.

Araldite® 2031's long gel time, ease of application and black colour are enabling us to optimise the use of different substrates in the production of a beautifully hand-crafted, aerodynamic vehicle that thanks to this adhesive system, benefits from some excellent physical properties."

Combining a Twin Cam 110B™ engine with a high level of custom chrome-plated detailing and a unique surface finish, only ten SSRs will be manufactured for an exclusive client base.