

# **ADVANCED COMPOSITE CLASS A CLOSURES – PRODUCTION READY OR PRODUCTION PROVEN?**

*Martin Starkey*  
*Gurit*

## **ABSTRACT**

Over the last 7 years, Gurit has continued to develop advanced composite materials to address the needs of the niche automotive market, with a proven track record as a innovative Tier 2 supplier.

In 2006 the decision was taken to strengthen this position with the investment and move to a Tier 1 role. Through close collaboration with Aston Martin, Gurit successfully introduced its Class A composite body system, CBS 96, onto their premium vehicle DBS establishing our first 20,000 sq. ft. advanced composite manufacturing facility.

This presentation aims to establish the production route for these OEM quality components and the evolution of the manufacturing processes over these critical 18 months. The presentation will detail how cycle times have evolved through on line and off-line processes, the analysis of Quality trends including '*Right First Time*' and reject causes and finally to draw trends from the analysis and establish the future opportunities for Gurit's range of innovative advanced composites in this market.