



BL Searle Replace Fasteners With Crestabond® To **Speed Up Production & Improve Aesthetics**

Company Profile - BL Searle Ltd/ Aalco Ltd

LOCATION: Bedfordshire and Surrey, UK

- Established commercial vehicle body manufacturer since the mid 1970s, BL Searle build and repair commercial vehicle bodies, truck bodies, specialist and bespoke vehicle bodies for a range of
- BL Searle is a family owned and run business with workshops in Gamlingay, near Sandy, dedicated to achieving high quality end products. They specialise in high quality conversions with superb attention to detail to produce a vehicle to meet and exceed customer specifications.
- BL Seale previously used mechanical fasteners and a single part MS Polymer sealant/adhesive in combination to assemble vehicles, but now prefer Crestabond, an MMA (methyl methacrylate), supplied by Aalco.





Crestabond Application

Crestabond® M7-15, M1-05 & M1-20

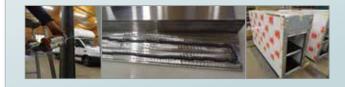
Scott Bader's Crestabond adhesives are now used and supplied by Aalco in the production areas to produce GRP boxes and toolboxes. The versatility of this product has reduced assembly times and enabled BL Searle to produce light weight structures with better aesthetical

Application

- Using Crestabond M7-15 to bond Aluminium faced Aalco panels to Zinc coated frame.
- Using Crestabond M1-05 to bond Aluminium cappings to the Aluminium Aalco panels around the toolbox assembly.
- Also using Crestabond M1-05 and Crestabond M1-20 to bond Aluminium and Stainless Steel to GRP Body Panels. These are aluminium captive corner pillars. captive cant rail, rub rail and side raves as well as the stainless steel rear frames to the GRP panels.
- Crestabond is applied with manual and pneumatic applicator guns straight from 400ml cartridges.

Advantages =

- Increased throughput of finished parts due to faster cure times than MS Polymer and mechanical
- Primer-less technology meaning no need for primers and abrasion to bond dissimilar substrates -Minimal surface preparation.
- Labour saving and reduction of potential water ingress points as no drilling of cappings or panels.
- Different working and cure times of adhesives suited to different sized parts within the assembly process.
- Elimination of 220 + mechanical fastener heads on the vehicle body leading to great aesthetical appeal of finished part.



Benefits/Advantages

- Supplied direct from your metals supplier, Aalco
- Adhesive cure speed matched to manufacturing process & part size
- Production time reduced and increased throughput of finished parts due to faster cure times
- Able to bond dissimilar substrates Primer-less Technology
- Reduced labour (drilling) through elimination of 220+ mechanical fasteners to improve aesthetical appearance
- Lighter weight structure produced compared to previous assembly
- Technology developed and fully supported by Scott Bader

Customer Quote

BL Searle produce a **high quality** product and are open to using new technology to provide a better looking vehicle to our customers whilst retaining this high quality specification. By using Crestabond adhesives we have not only saved time and

money but we believe our vehicles are aesthetically more pleasing with the reduction/elimination of mechanical fasteners giving nice clean lines to our bodywork.

With Scott Baders technical support and assistance we have now introduced Crestabond® as the adhesive of choice in the a ssembly of our vehicles.

Stephen Searle, Director.