

Solomon Commercial Remains Cool As Production Speeds Up With Crestabond®



COMPOSITES METALS PLASTICS

Company Profile - Solomon Commercial

Location : Lancashire, UK

- **Leading manufacturer** of **temperature control vehicle** conversions since 1976.
- Solomon manufacture **bespoke refrigerated bodies** in six factories, over three manufacturing sites onto lorry chassis and trucks converting distribution rigids, multi drop delivery vehicles, home delivery vehicles, drawbar and trailer bodies.
- **Customer specialisation** to exact requirements for temperature controlled bodywork including multi-temperature solutions, fixed/moving partitions, shelving designs, door closure and entry locations, temperature monitoring equipment, etc.
- Previously vehicle body panels were assembled using a combination of mechanical fixing with rivets and bonding with a PU adhesive. They have now switched to using just Crestabond, an MMA (methyl methacrylate) structural adhesive and are **confident** with this assembly method and **long term performance** in use.



Crestabond Application

Crestabond® M1-30

Crestabond adhesives are used in the production of bespoke temperature control bodies. The versatility of this product has **reduced assembly times** allowing production capacity to be increased without the need for investment in more space and manpower.

Application ■ Using **Crestabond M1-30** to bond **aluminium** profiles to **GRP** panels.

- Unique bulk dispensing unit allows for **freedom of movement** on the vehicles whilst offering material cost savings.

- Product can be supplied in small pack sizes for use with **pneumatic applicators**.

Advantages ■ Quick and easy to apply with vastly reduced material waste.

- **Primer-less** adhesive requiring minimal surface preparation.
- Elimination of traditional mechanical fixings, saves time, money, and **improves overall aesthetics**.
- **Cure time** of adhesive **tailored** to production process.
- True structural adhesive with **unique patented formula**, offering excellent elongation and long term fatigue resistance.



Benefits/Advantages

- ✓ Greater confidence and trust in product performance
- ✓ Adhesive cure speed fits to manufacturing process times
- ✓ Bulk and cartridges adhesive application with pneumatic guns
- ✓ Production time saving - Faster process from 6 hours to 2 hours, leading to increased output
- ✓ Cost saving through elimination of mechanical fixings
- ✓ Technology developed and fully supported by Scott Bader

Customer Quote

“Solomon Commercial does whatever it takes to provide **high quality** temperature control vehicles and if that means investing time and money then we do so **to remain the market leader**.

Scott Bader has become an important **key supplier** to us. This is down to all the technical help we received to significantly increase shop floor productivity **very cost effectively**, as well as reliably supplying high quality products. They worked closely with the Solomon Operations team to ensure a smooth introduction of the Crestabond adhesive into our production process. Overall, we feel we have backed a winning horse to help us stay **ahead of our competition** and to achieve key business goals. . ”

Michael Solomon, Director.