tesa ACXplus 7074, a black acrylic foam tape designed to compensate different thermal elongation of bonded parts in demanding outdoor applications, has been successfully trialled by a major commercial vehicle converter in the East of England to improve the bonding process in a specific area of its manufacturing methods.

**Application and Current Method**

The company was using mechanical fixings in the form of rivets and screws to attach loadlock rails to the van chassis and identified corrosion and leaks as potential problems.

**Customer Issue**

The use of rivets in securing the loadlock rails was labour-intensive, time-consuming and limited the rate of van production capacity due to the lengthy process times.

**tesa Assessment and Proposal**

tesa was introduced to the customer via its local distributor Austen Instant Tapes Ltd, who accompanied the tesa team to the premises for an assessment of the current production process.

On investigation, tesa established that the customer’s key requirement was to find an alternative and cost-effective method to replace the use of rivets and screws, speeding up the conversion time.

**Outcome**

tesa® ACXplus 7074 provided a bonding solution that increased production efficiency, reducing the application time significantly, including cleaning of the wall and rail, applying the tesa® promotor, applying the tape and applying the rail.

tesa’s Area Sales Manager, Arran Dickinson, commented “We are delighted with the results to date and will continue to look at other areas of the manufacturing process and support development.”

**APPLICATION STORY**

**tesa® ACXplus takes the load off vehicle conversion**

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**tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, express or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user’s method of application. If you are in any doubt, our technical support staff will be glad to support you.**