

Lighter, stronger, quieter & safer trailers

As the majority of trailer fabrication takes place at room temperature, L&L Products has developed a range of ambient curing sealing, bonding and structural reinforcement solutions that set new standards in terms of performance, usability, health and worker safety. These systems are able to help truck trailer manufacturers reduce trailer weight, improve structural integrity and enhance corrosion resistance - thereby assisting trailer operators in achieving better fuel economy, lower vehicle emissions and extended trailer lifespan. Formulations are available that are compatible with a wide range of trailer body materials including steel, aluminium and composites.

With its network of operating subsidiaries and manufacturing plants, L&L is ideally placed to provide design, material development, engineering and process support to its customers on a global basis.

A Complete & Comprehensive Product Range

L&L Bond

Ambient curing structural adhesives

L&L BOND A-K ambient curing, structural adhesives have been developed to replace traditional mechanical fastening. They are able to reduce weight, eliminate corrosion and can be used in areas that would be difficult to access using riveting or welding. As well as their high adhesive performance on a wide range of substrates (including dissimilar materials), they do not require a primer to most of the common substrates used for trailer construction. A-K500 Series materials are non-flammable and offer good health and safety characteristics. In performance terms, all A-K Series materials offer high strength, high elongation, low shrinkage and are available with a wide range of cure speeds and viscosities - from spreadable pastes to non-sagging gels.

Heat cured structural adhesives

L&L Products L-0011 high strength, heat cured laminating system has been specifically developed for metal sandwich panel trailer side walls and doors. It is compatible with both galvanized steel and aluminum and provides outstanding strength, durability and ease of use.

L&L Seal

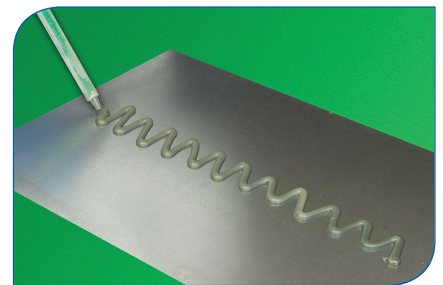
L&L Seal A-J range elastic sealants and adhesives provide optimum acoustic and anti-corrosion sealing for all types of trailers. They offer excellent adhesion without primers to both metals and composites, and are available with a broad range of mechanical properties and cure speeds. A full, non-shrink cure is achieved at room temperature using atmospheric moisture curing technology. Good health and safety has been a key element of the development process, with A-J200 series materials being completely free of solvents, VOC's and isocyanates. A-J Series materials demonstrate outstanding durability and are resistant to the harshest environmental conditions. The A-J range is available in cartridges, sausage packs, pails and drums with certain products being available in black, white and grey.

L&L Reinforce

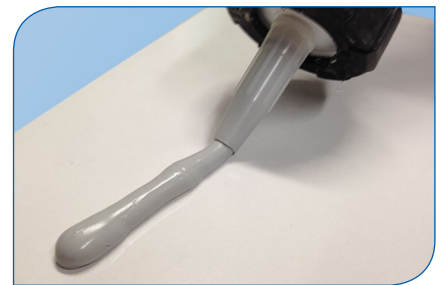
L&L's structural reinforcement technologies can make trailer sidewall and door panels lighter and stronger. The result is stiffer panels that have improved impact resistance, better crash performance and lower weight. Heat expanded sheet and tape forms are available, as well as room temperature expanding injected paste systems.



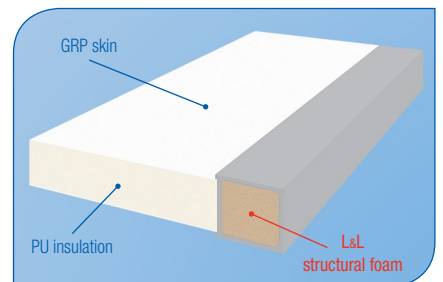
Lighter, stronger and safer rigid trailers



A-K series structural adhesive

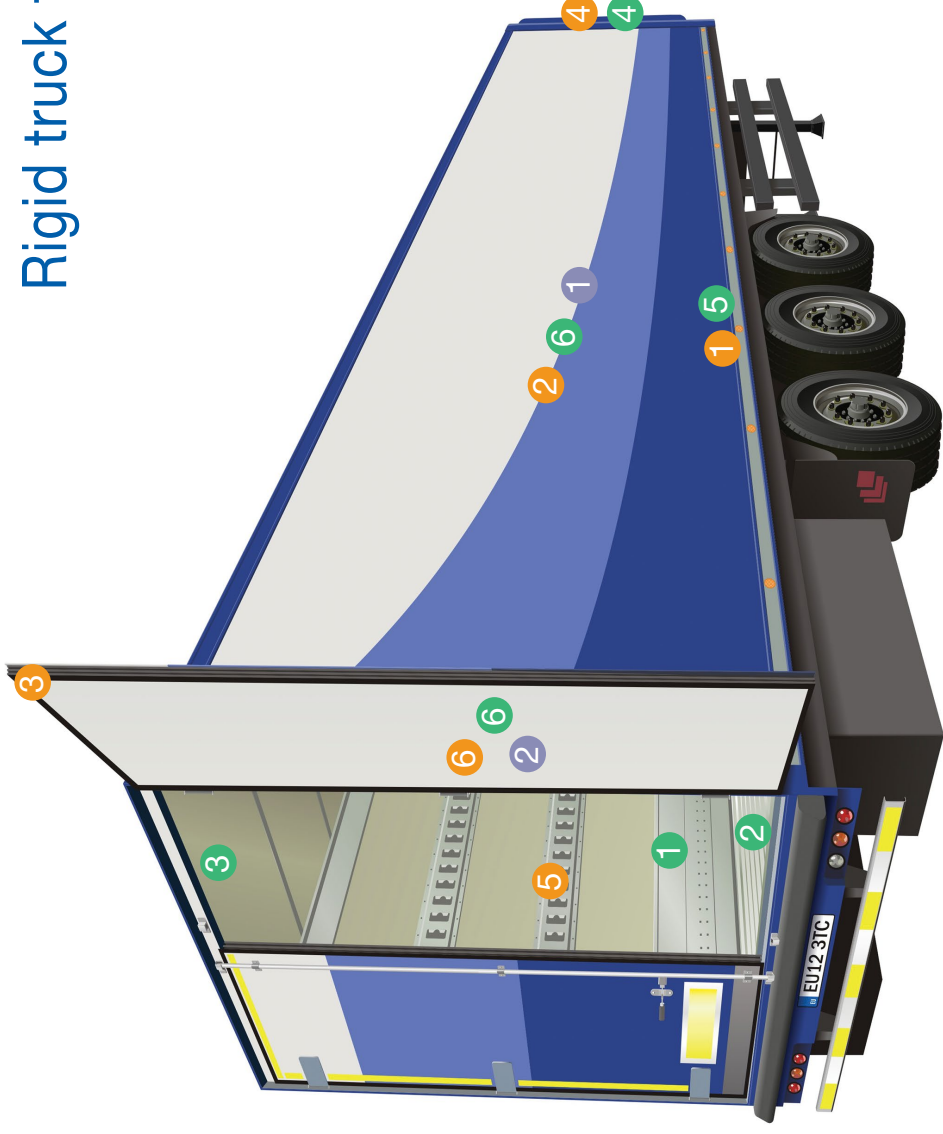


A-J series elastic sealant



Trailer channel section reinforced with L&L Bond structural foam.

Rigid truck trailer solutions



L&L Bond

- 1 Side panel to frame
- 2 Side panel sandwich panel lamination
- 3 Door panel to frame

L&L Seal

- 4 Air conditioning unit
- 5 Loadlok to side wall
- 6 Door panel sandwich panel lamination

L&L Reinforce

- 4 Air conditioning unit sealing
- 5 Side capping sealing
- 6 Insulation of side walls and doors