

**SOLUTION**

L&L Reinforce

VERSION

February 2021

Composite Panel Stiffener

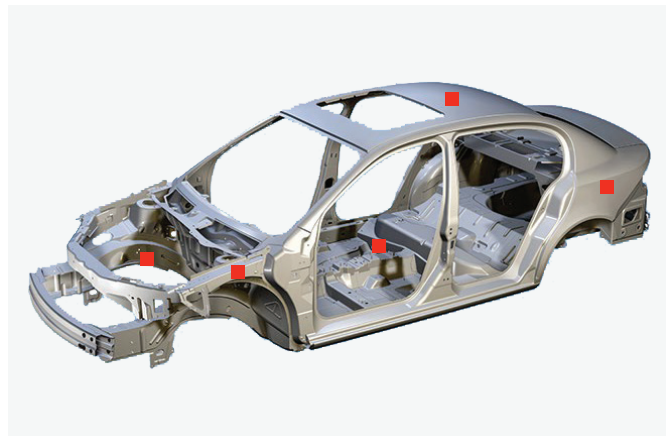
Providing local reinforcement and NVH.



L&L Products Composite Panel Stiffener is designed to provide improved local reinforcement and NVH; specifically to deal with excessive panel vibration and noise issues. It comprises a high expanding structural adhesive contained within a fiberglass reinforcement.

As a result of detailed analysis, our engineers are able to determine the ideal size and positioning of the Composite Panel Stiffener in order to provide our customers with optimal pricing and performance.

An L&L Composite Panel Stiffener is activated by heat and installed in the body shop prior to the e-coat process. While in its green state, the panel stiffener offers excellent substrate adhesion and pliability, which allows for it to adhere around corners. Once activated, the high performance stiffening is due to the increased moment of inertia.



KEY PRODUCT ATTRIBUTES

- Enables thinner gauge panels to be used, thereby enabling overall weight savings
- High performance panel stiffening and vibration reduction due to increased moment of inertia
- Superior green state adhesion to a wide range of substrates
- Ability to apply to complex contours, for example around corners
- Magnetic products are available
- Initially pressure sensitive to enable placement prior to curing

TYPICAL APPLICATION AREAS

- Door panels
- Roof panels
- Hood
- Fender (front & rear)
- Lift gate and tailgate panels
- Floor panels

