



L&L REINFORCE
COMPOSITE PANEL STIFFENERS

**Providing local reinforcement
and NVH.**

Our Composite Panel Stiffeners consist of an expanding structural adhesive contained within a fiberglass reinforcement.

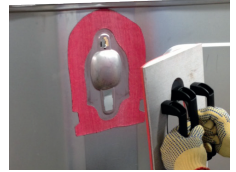
They offer excellent substrate adhesion and pliability, which enables robust adhesion for contoured geometries.

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**L&L REINFORCE
COMPOSITE PANEL STIFFENERS****A solution for panel vibration & noise.**

Designed to adhere to a wide variety of substrates including steel and aluminum, L&L composite panel stiffeners provide improved local reinforcement and NVH where there are excessive panel vibration and noise issues. The heat-activated panel stiffeners are installed in the body shop prior to the E-coat process.

As a result of our 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.



The uncured panel stiffener offers excellent substrate adhesion and pliability for placement on contoured surfaces.

KEY PRODUCT ATTRIBUTES**STRONGER**

- Superior uncured state adhesion to a wide range of substrates
- Panel stiffening and vibration reduction due to increased moment of inertia

**LIGHTER**

- Enables thinner gauge panels to be used, thereby enabling overall weight savings

**QUIETER**

- Local reinforcement to reduce excessive panel vibration and noise issues

**DESIGN FLEXIBILITY**

- Local reinforcement to reduce excessive panel vibration and noise issues
- Ability to bond around corners

APPLICATIONS