

**SOLUTION**

L&L Bond

VERSION

February 2021

Fire Smoke & Toxicity (FST) Adhesives

For Aircraft Interior assemblies.



L&L Products develops FST compliant adhesives that introduce a new approach to bonding sandwich panels in aerospace applications.

Our adhesives are epoxy-based and have been formulated to bond various substrates (metal, thermoplastics and composites) that are common to the aerospace industry. These two component adhesives cure at room temperature and provide high performance bonding.



The outstanding adhesives stand alone FST properties help to reinforce passenger safety and simplify dramatically parts certification. Rheology and curing kinetic are optimized to increase the building rate and reduce cost, while working with clean, safe and friendly use products.

Designed for interior applications, L&L's FST adhesives meet the latest FAA and EASA fire regulations (vertical burn, smoke density and toxicity).

AREAS OF APPLICATION

- Insert bonding
- Bracket bonding
- Panel assembly
- Cut and fold

KEY PRODUCT ATTRIBUTES

- FST regulation compliant - FAR 25.853, ABD0031, FAR/JAR 25.853
- High mechanical bonding
- Can be used in a wide range of temperatures from -55°C to 135°C
- Capable of multi-material bonding
- Cures at room temperature and accelerated with elevated temperature
- REACH compliant and does not contain carcinogenic mutagenic or reproduction toxic (CMR) substances

PRODUCT REFERENCES

US availability

- L-9105 - fast curing
- L-9115 - medium curing
- L-9150 - long open time
- L-9107 - fast curing, Airbus qualified

EU Availability

- L-9107 - fast curing, Airbus qualified
- L-9120 - long open time

