L&L BOND AMBIENT CURING STRUCTURAL ADHESIVES

Durable, High-Strength Structural Bonds.

The L&L Bond A-K Series is a range of high performance, ambient curing pumpable materials that are formulated to provide durable, high strength structural bonds to a wide variety of substrates. L&L strives to develop adhesives with the lowest hazard labels in their respective classes.

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L&L Products

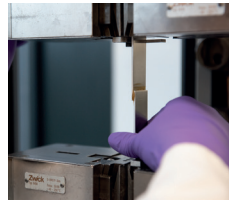
L&L Bond.

L&L BOND AMBIENT CURING STRUCTURAL ADHESIVES

Primerless Adhesion.

Lightweighting initiatives often require the use of multi-material bonding across all industries. Our adhesive technologies are designed to create structural bonds and improve overall performance while at the same time helping to prevent galvanic corrosion, improve durability, and improve worker safety and efficiency.

To meet the requirements of each application, the L&L Bond A-K series includes materials with fast and medium cure speeds and open times.



The A-K Series features high peel strength and high lap shear strength.

KEY PRODUCT ATTRIBUTES

HIGH STRENGTH

- High peel strength, lap shear strength, and elongation for high strength, durable bonds
- Bonds to most metals, thermoplastics, and composites

DESIGN FLEXIBILITY

- L&L Bond A-K321, A-K322, and A-K583 do not boil at high bonding gaps
- Adhesive bonds provide load distribution along the entire bond line, reducing joint stress

PROCESS OPTIMIZATION

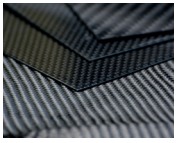
- Range of open times and fixture times to optimize production processes and cycle times
- Primerless adhesion to most common substrates eliminates pretreatment operations
- Fast mixing and rapid extrusion
- Visible color shift when curing available

SAFE & EASY HANDLING*

- Free of toxic isocyanates and VOCs

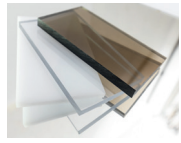
*Always follow SDS guidelines for safe handling.

COMMON SUBSTRATES



Composites

Metals



Thermoplastics

Glass Reinforced Plastic

APPLICATIONS

Two-component, fast curing structural adhesives are in widespread use in automotive, commercial vehicle, rail, transport, and wind energy, where they provide structural and semi-structural bonds in assemblies that require joining of many different materials.