



L&L BOND A-K321 & A-K322

A New Approach to Structural Bonding.

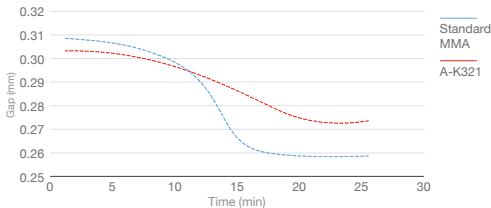
L&L Bond A-K321 and A-K322 are fast and medium curing two-component toughened structural adhesives based on methyl methacrylate and provide primerless adhesion to most metals, thermoplastics and composites.

lproducts.com

Ambient Curing Structural Adhesives.

L&L Products developed a line of structural adhesives based on novel acrylate and epoxy technologies called the A-K Series. The A-K Series is a range of high-performance, ambient curing pumpable materials formulated to provide durable, high-strength structural adhesive bonds to a wide variety of substrates. Certified flame-retardant products are available for bus and train applications.

L&L Bond A-K321 and A-K322 are 10:1 mix-ratio, thixotropic adhesives that also create value due to fast-mixing and rapid extrusion without sacrificing non-sag properties.



Low shrinkage
L&L Bond A-K321 and A-K322 shrinks only 10 – 11%, bonding ABS/PC and GRP with no distortion or read through.



Excellent fatigue resistance

L&L Bond A-K321 and A-K322 have superior fatigue resistance. Their fatigue properties are tested by cyclic loading according to ASTM D 3166.



Ideal solution for large composite structures

L&L Bond A-K321 and A-K322 do not boil at high bonding gaps and are an ideal solution for repair or backfill.

KEY FIGURES

Open times at room temperature

A-K321 4 – 6 minutes
A-K322 12 – 16 minutes

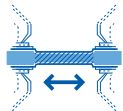
Fixture time to reach 1 MPa in lap shear

A-K321 14 – 18 minutes
A-K322 32 – 38 minutes

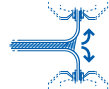
Gap fill
Up to 10 cm



Elongation
70 – 90%



T-peel strength
Up to 14 N/mm



Lap shear strength
Up to 20 MPa on aluminum

