

L-306

Insert Potting Compound, Two-component



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Product Data Sheet

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Description

L-306 is lightweight, room-temperature curing, core edge filler. L-306 is easily applied with a trowl or spatula in honeycomb core rebate areas for closing out sandwich panels to help prevent mechanical damage to fragile honeycomb cells and to resist moisture penetration. L-306 is thixotropic and exhibits excellent non-slump / non-sag characteristics. L-306 does not damage panels due to expansion or exotherm during cure.

Advantages of L-306

- ❖ Excellent handling performance makes L-306 a true champion in the shop. Edging, filling, smoothing, and clean-up are very easy to accomplish due to the superior workability of L-306.
- ❖ Low density of L-306 compliments lightweight composite structures.

Physical Properties

- *Color Part A:* White
- *Color Part B:* Cream
- *Color Mixed:* Cream
- *Density* 44 lbs/ft³ (0.7 g/mL)
- *Form:* Thixotropic Paste

Availability

- 1 Gallon (3.8 L) Kit
- 5 Gallon (18.9 L) Kit

Shelf Life

- 6 months at Room Temperature (75°F or 24°C)



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Mix Ratio and Pot Life

- *Mix 100 Parts A to 50 Parts B by weight*
- *Pot life at 75°F (24°C), 500 gram mass: 60 minutes*

Average Mechanical Properties

Compressive Strength (ASTM D 695)

- *-67°F (55°C) 4,800 PSI (33.1 MPa)*
- *RT (75°F or 24°C) 4,000 PSI (27.5 MPa)*
- *160°F (71°C) 2,500 PSI (17.2 MPa)*

Overlap Tensile Strength (ASTM D1002)

- *RT (75°F or 24°C) 800 PSI (5.5 MPa)*

CAUTION: Care should be taken with batches over 500 grams total weight. Large batches or those which are mixed in excess of recommended ratios may become exothermic (i.e., VERY HOT). The user is encouraged to develop standard batch mix sizes.

NOTICE:

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