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Araldite 2047 - Applications in Transportation Demonstrate Versatility

Araldite 2047 has become one of the star products in the newly launched **Araldite 2000+** range of structural adhesives. **Araldite 2047** is a methacrylate adhesive which requires minimal surface pretreatment, and which will give you good performance on otherwise difficult to bond substrates.



A excellent gap filler, **Araldite 2047** has high impact resistance over a wide temperature range, and behaves well at low temperatures. **It is ideal for bonding PMMA, polycarbonate (PC), copper, brass, zinc and galvanized steel.** A two part adhesive, its thixotropy makes it easy for you to **dispense**, and it cures quickly. It has very good chemical and water resistance.

We have a number of successful case histories in the field of transportation which demonstrates its versatility.

One application is the bonding of aluminium frames, perforated sheets and edges to form the interior ceiling panel of a tram carriage. These lap joints needed to resist vibration and have high impact strength. Araldite 2047 gives very good adhesion to the aluminium, and cures quickly at room temperature - parts can be handled after 30 minutes. Another advantage for you is that the parts required minimal pretreatment, only degreasing with isopropyl alcohol.



Another success is the bonding of parts in the interior of a car. These parts are veneered aluminium and chromated ABS. The simple lap joints are prepared by degreasing with isopropyl alcohol, and are bonded within 20 minutes at room temperature. The bonded joints pass an aging test in which temperature cycles from -30°C to +80°C, and meet all the criteria for the Daimler Chrysler qualification PB VWL 709. The adhesive also resisted a temperature storage test in which the bonded parts are exposed to 80°C for a period of seven days.

Contact us for a data sheet for **Araldite 2047**. You are invited to discuss with us your applications for any of the **Araldite 2000+ structural adhesive range.**

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