

# Apollo (A5045 A/B)

## Two-Component, Solvent-Free Caravan Adhesive

Apollo (A5045) is a thixotropic, two-component adhesive specifically designed for the repair of exterior caravan panels, where the aluminium sheet has become partly delaminated from the core, or accidental damage has occurred. When mixed, Apollo (A5045) cures to form a hard, tough, resilient bond which is resistant to water, solvents and heat. Apollo (A5045) can also be used for bonding metals, plastics and building surfaces such as concrete, asbestos board etc. It has found use as a body-filler and for repairing damaged concrete.

### Technical Data

<b>Base</b>	Modified Polyurethane	<b>Solids</b>	100%
<b>Appearance</b>	Component A: Cream Component B: Brown	<b>Viscosity</b>	Component A: Thixotropic paste Component B: Thin liquid
<b>Temperature Resistance</b>	-30-90°C	<b>Shelf Life</b>	3 months (25°C)
<b>Coverage</b>	4m <sup>2</sup> /L (at 0.25mm)	<b>Environmental</b>	Solvent-Free/
<b>Application Temperature</b>	5-25°C	<b>Cleaner</b>	Solvent 3 (whilst uncured)

### Instructions for Use:

#### Surface preparation/priming

1. Remove the damaged aluminium facing.
2. Ensure that both surfaces are clean, dry and free from dust and contamination.

#### Application

1. Mix Component A (Base) with Component B (Curing Agent) at 5.25:1 ratio (A:B) by weight. Apply the mixed adhesive to the core by means of a scraper or notched trowel.
2. Place fresh or refurbished aluminium sheet in position and hold there using a press, or clamps and battens for at least 6 hours (extremely cold conditions may extend cure time considerably).
3. The adhesive will then have set-up sufficiently to hold the panel in position, but full cure will require up to 24 hours. Do not mix more adhesive than is required for the area to be bonded. The pot life of a 100 gram mix is 90 minutes, but a 1 litre mix will thicken in considerably less time (about 45 minutes). The adhesive has sufficient consistency to be mixed on a board rather than in a container. The product is supplied in 7.5 kilogram kits consisting of a 5 litre poly-pail of Component A (containing 6.3 kilo), and a conical can of Component B (containing 1.2 kilo).



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## **IMPORTANT NOTES**

### **Storage and handling:**

The product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure the stated shelf-life. The adhesive will have a limited life once the container is opened.

### **Temperature and timings:**

All information on temperature and timings represent normal working conditions and is provided as a guideline only. However, please contact Apollo for advice if you wish to operate outside of these parameters.

### **Disclaimer:**

Apollo has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact Apollo to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.



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