

A5045 A/B – Technical Data Sheet



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Description

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, **A5045** cures to form a hard, tough, resilient bond which is resistant to water, solvents and heat. **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.

Typical Uses

A5045 has been found suitable for bonding materials such as paper & board, timber, hardboard, foams, ABS, Perspex, aluminium, and other porous and non-porous materials.

Technical Data

Base	Modified Polyurethane
Appearance	Component A: Cream Component B: Brown
Temperature resistance	-30°C to 90°C
Coverage	4m ² /L (at 0.25mm)
Application temperature	5°C to 25°C
Solids	100%
Viscosity	Component A: Thixotropic paste Component B: Thin liquid
Shelf life	3 months (25°C)
Environmental	Solvent-free
Cleaner	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 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).

Please consult the A5045 Health & Safety Data Sheet for statutory regulation information.

Information relating to the products of Bondrite Adhesive Limited is based on tests carried out under laboratory conditions. If any of our products are not used in accordance with our instructions or are used under conditions which vary from our laboratory, they may not perform in accordance with any information provided and Bondrite shall not have any liability in this case. Bondrite will accordingly provide samples of our products, on request and free of charge, for Customers to carry out their own tests as to suitability of our product for their purposes and as used in their intended environment.

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