

Joinery (A3727) Sprayable Wood Adhesive (Contact)



Apollo Joinery (A3727) has been developed specifically for post-forming operations, including the manufacture of counter tops, kitchen worktops and desks. It is a high-strength sprayable contact adhesive that offers the manufacturer many benefits:

- **Ideal for post-forming**
- **Allows for flexibility in the manufacturing process**
- **Extremely economical and efficient**

Ideal for postforming: hot bond-strength, heat-resistance and fast-drying

Apollo Joinery (A3727) is ideal for the postforming of decorative laminates onto chipboard and MDF cores using a range of both static and continuous equipment. This is due to its hot-bond strength, high heat-resistance and fast-drying properties. Its hot-bond strength and high green-strength also make Apollo Joinery (A3727) perfect for the postforming of edge details.

Allows flexibility in the manufacturing process: high initial bond-strength and long open tack-life

At Apollo, we understand that you need flexibility in the manufacturing process in order to account for unforeseeable delays. Apollo Joinery (A3727) has been developed with this in mind. Its high initial bond strength allows the immediate handling of materials without clamping, whilst its long open tack-life provides you with the flexibility you may need to account for unforeseen delays.

Extremely economical and efficient: excellent coverage from spraying and rapid application time

The very nature in which Apollo Joinery (A3727) is applied, i.e. spraying, is extremely economical. Spraying Apollo Joinery (A3727) allows an excellent coverage rate, with minimal mess or waste. It also enables a rapid application time, which helps to improve production efficiency.



Sprayable Wood Adhesive (Contact)

Instructions for use:

Substrate preparation/priming:

1. Surfaces to be bonded should be clean, dry and free from loose particles dust and grease.

Application:

1. Apollo (A3727) may be sprayed through most equipment, but for best results a 'Devilbiss JGV-562' gun fitted with FX fluid tip and needle, and a 777 air-cap is recommended. Atomising pressures of 50-80psi and fluid pressures of 10-30psi are required.
2. Apply an even coat of adhesive to both surfaces to be bonded at a coat weight of 30-40 grams per square metre (dry). Allow a minimum of 2 minutes before mating surfaces.
3. Ensure intimate contact and coalescence of the adhesive films by passing the laminate through nip rollers or by platen pressing, using as much pressure as possible without crushing the components. Sustained pressure is not necessary. The high initial strength of the adhesive allows panels to be handled immediately.

Notes:

1. Apollo (A3727) is normally tinted red for easy observation

of coverage, but can be supplied in neutral or tinted in other colours, on request.

2. Store at temperatures above 5°C (40°F). Prolonged storage at lower temperatures may cause the formation of a 'gel', which will then necessitate re-processing.
3. In conditions of high humidity, a 'bloom' may form on the surface which reduces tack and coalescence. Bonds should not be made when this occurs.

Packaging:

Apollo Joinery (A3727) comes supplied in a 25 litre closed-top screw-cap drum.



25 litre closed-top screw-cap drum

Technical Data

Base	Polychloroprene	Solids	16-20%
Appearance	Neutral or tinted	Tack-Life	2-10 minutes
Temperature Resistance	-30°C to 90°C	Shelf Life	12 months
Coverage	8-10m ² /litre	Storage	5-25°C
Application Temperature	5-25°C	Health & Safety	See MSDS
Viscosity	200-300cps (20°C)	Cleaner	Solvent 1

IMPORTANT NOTES:

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.

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.

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.

Please contact your Apollo Account Manager or Apollo Distributor if you require further information on Apollo Adhesive Solutions and/or on our product range (www.apolloadhesivesolutions.co.uk). If this specific product does not meet your exact requirements, please ask us about the product variations we offer or whether we can work with you to develop a bespoke solution (subject to volume).