Fastack (A9756 A/B)

Solvent-Free Panel Lamination Adhesive 2K PU

Weather-proof BOND | 100% Solvent Free | NON-DRIP Formulation | ONE-WAY Stick | 12 minute Open-Time | 12 minute Cure-Time

Apollo Fastack (A9756 A/B) was developed specifically for the manufacture of a wide range of panels, including doors, cold stores, caravans and SIPs. It is a two-component (2K) polyurethane adhesive, which securely bonds a wide range of materials/substrates.

- Extremely versatile
- Minimises production costs
- Minimises task-time
- Weatherproof bond
- Green credentials

Extremely versatile: allows a wide range of construction materials to be bonded

Apollo Fastack (A9756 A/B) allows you to securely bond a wide range of materials including most insulation, plasterboard, metal, PVC, ABS and wood. The versatility of Apollo Fastack (A9756 A/B) helps to reduce the number of products you need to store at your factory. There is also a thixotropic version available for porous or open-cell material, which is well suited for the foam conversion and panel insulation markets e.g. open-cell foams and mineral-wool.

Minimises production costs: one-way stick, low coat-weight and maximises work progress

Production costs are a key concern for any manufacturer, especially given the current economic climate. Apollo Fastack (A9756 A/B) boasts an extremely economical usage rate via its one-way stick technology and low coat-weight. It develops bond strength quickly which allows you to work with panels immediately after the press cycle, thus maximising work progress.

Minimises task-time: unique 1-1 cycle, fast-tack, quick-grab and fast-cure characteristics

Apollo Fastack (A9756 A/B) gives you a 1-1 cycle of open-time to cure-time due to its unique cure characteristic, helping you minimise task-time. The adhesive's fast-tack, quick-grab and fast-cure characteristics allow panels to be pressed immediately after adhesive application. Panels will achieve handling/cutting strength at the end of the press cycle via Fastack's unique 1-1 cycle. Apollo Fastack (A9756 A/B) uses gear pumps to control the mix ratio.

High performance: weatherproof bond, and resistant to water and extreme temperatures

At Apollo, we understand you need a high performance adhesive that can withstand extreme environmental conditions. Apollo Fastack (A9756 A/B) forms a high-strength durable weatherproof bond, which is resistant to water, extreme temperatures (-30-120°C) and even chemicals once fully cured. It also has excellent aging properties.

Green credentials: solvent-free

Green issues are becoming increasingly important across all industries, and this trend is set to continue in the future. Apollo Fastack (A9756 A/B) is a solvent-free polyurethane adhesive, which helps you to meet a growing number of green issues. It also makes the product more pleasant for employees to use compared to solvent-based products (VOCs), creating a more comfortable working environment.

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Instructions for use:

Substrate preparation/priming:

1. Ensure all surfaces to be bonded are clean and free from grease and other contaminants. Some grades of aluminum, galvanized steel and plastics may need priming.

Application:

1. The application of Fastack is fully automated. Components A & B are metered at a ratio of 1:1.05 (by weight) through gear pumps, and then mixed through a disposable static mixer. The mixed product can then be sprayed onto the substrate. Fastack can also be applied in a single bead through a gyro-bead head.
2. The amount of adhesive required will vary according to the porosity/smoothness of the substrate and the method of application, but will be between 80-250g/m².
3. Assemble the panel and place under pressure within the open-time. Pressure can be applied using a belt press, hydraulic press, vacuum table or a bag press. The pressure required will depend on the nature of the substrates, but is usually in the range of 0.5 to 0.9 bar. In some cases nip rollers will be sufficient to consolidate the bonded panel. Ensure pressure is applied for the total press time.
4. Further stages of the production process can be executed immediately after the press cycle.
5. Full cure of the adhesive will not be achieved for 24 hours.

Packaging:

Apollo Fastack (A9756 A/B) comes supplied in a 20 litre plastic poly bottle.

20 litre poly bottle

Technical Data

Base	Polyurethane	Cure-Time	12 minutes
Appearance	Component A: Blue Component B: Yellow Mix: Green	Open-Time	12 minutes
Temperature Resistance	-30-120°C	Shelf Life	6 months
Coverage	4-12m²/kg	Storage	5-25°C
Application Temperature	5-30°C	Environmental	See MSDS
Viscosity	Component A: 600-1200cps Component B: 100-300cps		

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.

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