APOLLO ADHESIVE SOLUTIONS

APOLLO CONSTRUCTION SOLUTIONS

Construction (A5196 A/B)

Solvent-Free Construction Adhesive (2K PU)

Weather-proof BOND

100% Solvent Free

ONE-WAY Stick

20 minute Pot-Life

180 minute Cure-Time

Apollo Construction (A5196 A/B) is a general purpose, water-resistant, gap-filling adhesive that has been specifically developed for securely bonding a wide range of construction materials in both interior and exterior applications. It is ideal for modular building and pod manufacturing. It is a solvent-free two-component polyurethane adhesive (2K PU) that gives you the following benefits:

- **Ideal for use onsite**
- **Reduces the need for multiple adhesives**
- **Minimises task-time**
- **Eliminates equipment investment**
- **Meets EMICODE EC1 plus specification**

Ideal for use onsite: maintains a durable bond even in extreme conditions

At Apollo, we understand that construction materials have to be able to withstand extreme environmental conditions onsite. Apollo Construction (A5196 A/B) has been developed with this in mind. It is resistant to water, chemicals and extreme temperatures (-30-150°C) once fully cured. Apollo Construction (A5196 A/B) also has excellent aging properties. These properties ensure a high-strength durable bond.

Reduces the need for multiple adhesives: multipurpose adhesive, suitable for gap-filling

Apollo Construction (A5196 A/B) is a multipurpose adhesive that allows you to safely and securely bond a wide range of materials, including two non-porous substrates. It will bond metal, timber, most forms of insulation (EPS, PIR and XPS) and uPVC. Apollo Construction (A5196 A/B) also has excellent gap-filling properties, which makes it ideal for bonding uneven surfaces. This versatility helps to reduce the number of adhesives you need to store onsite.

Minimises task-time: easy-to-mix kit, with a pot-life of 20 minutes

We are aware that time is money. Apollo Construction (A5196 A/B) helps to minimise task-time because it comes supplied as an easy-to-mix kit, which is simply and quickly applied with the use of a notched-trowel or scraper. Its pot-life of 20 minutes (at 20°C) gives you enough time to complete essential tasks, without being too excessive.

Eliminates equipment investment: developed for manual application

Equipment costs are a key concern, especially given the current economic climate. Apollo Construction (A5196 A/B) eliminates the need for you to invest in expensive equipment, given that it has been developed for manual application and is simple to apply with a notched-trowel or scraper.

Green credentials: solvent-free, and meets EMICODE EC1 plus specification

Green credentials are becoming increasingly important within the construction sector, and this trend is set to continue. Apollo Construction (A5196 A/B) is solvent-free, which makes the product more pleasant to use and suitable for a wide range of projects, including those involving schools and hospitals. Apollo (A5196 A/B) also meets EMICODE EC1 plus specification, which shows it emits very low VOC emissions into indoor air.

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Instructions for use:

Apollo Construction (A5196 A/B) comes supplied as a base (A) with a curing agent (B).

Substrate preparation/priming:

1. Ensure all surfaces to be bonded are clean and free from grease, dust and other contaminants. Ceramic or polished surfaces should be abraded prior to being bonded.

Application:

2. Mix components A & B at a ratio of 5.7:1 by weight or alternatively as a complete kit.
3. Apply the mixed adhesive to the base substrate with a scraper or notched-trowel.
4. Bed the material to be bonded into the adhesive. Apply sufficient weight to ensure the two substrates are in contact. The adhesive will cure sufficiently to permit handling after 3-4 hours. However, full cure will not be achieved for 24 hours.

Packaging:

Apollo Construction (A5196 A/B) comes supplied in a 5.6 litre poly pail (lid, cuvette and foil bag) (sold as 5kg kit).

5.6 litre poly pail

Technical Data

Base	Polyurethane	Pot-Life (20°C)	20 minutes
Appearance	Component A: Cream Component A: Brown	Cure-Time (20°C)	180 minutes/ 24 hours for full cure
Application Temperature	5-30°C	Viscosity	Component A: 15000cps Component B: 200cps
Temperature Resistance	-30-150°C	Storage	5-25°C
Coverage	2.5m²/kg	Environmental	See MSDS

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 or Apollo Construction Solutions and/or on our product range (www.apolloadhesivesolutions.co.uk or www.apolloconstructionsolutions.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).

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