

Construction (A9434 A&B)

Solvent-Free Construction Adhesive (2K PU)



Apollo Construction (A9434 A&B) allows you to securely bond all types of uPVC wall cladding systems to a wide range of substrates, where the intended use is in hygienic areas; kitchens, bathrooms, showers and changing rooms. It is a solvent-free two-component polyurethane adhesive (2K PU) that gives the following benefits:

- **Peace of mind**
- **Suitable for use in wet areas**
- **Extremely versatile**
- **Minimises installation time**
- **Compliant to BREEAM EN 13999:2013**



Peace of mind: Developed specifically for uPVC wall cladding systems

At Apollo, we understand that uPVC wall cladding systems have many benefits; high durability, aesthetically pleasing and low-maintenance. However, we are also aware that bonding such systems is difficult. Apollo Construction (A9434 A&B) has been developed specifically for adhering uPVC wall cladding systems, with its high-grab and non-slump consistency ensuring a safe and secure bond.

Suitable for use in wet areas: Resistant to extreme conditions, including steam cleaning and temperature

Apollo Construction (A9434 A&B) has been developed to withstand the extreme conditions that uPVC wall claddings systems endure in hygienic/wet areas. The adhesive is resistant to steam cleaning, water, chemicals and extreme temperatures (-30-150°C), once fully cured. It also has excellent aging properties. These properties ensure a strong resilient bond.

Extremely versatile: Suitable for use with a wide range of surfaces

We know you want one adhesive that is suitable for use with a range of surfaces. Apollo Construction (A9434 A&B) is an extremely versatile adhesive. It will securely bond uPVC (plastic facings/fascias) to a wide range of surfaces, including board, concrete, brick and tile. This versatility helps to reduce the number of adhesives you require for any given job.

Minimises installation time: Non-slump and fast-cure adhesive

Minimising installation time is essential, and Apollo Construction (A9434 A&B) has been developed with this in mind. It comes supplied as a ready-to-mix kit, which is simple to apply to vertical surfaces with a notched trowel or spatula due to its non-slump (viscous) formula. This helps to reduce cleaning tasks by limiting mess and waste. Apollo Construction (A9434 A&B) cures in as little as 6 hours. This helps to decrease overall project time.

Green Credentials: Solvent-free and compliant to BREEAM EN 13999:2013

Green credentials are becoming increasingly important within the construction sector, and this trend is set to continue. Apollo Construction (A9434 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 Construction (A9434 A&B) is also compliant to indoor air quality regulations under BREEAM EN 13999:2013.

Key:



Solvent-Free



One-Way Stick

Solvent-Free Construction Adhesive (2K PU)

Instructions for use:

Apollo Construction (A9434 A&B) consists of an adhesive base (A) and a curing agent (B).

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants. Ceramic or polished surfaces should be abraded prior to being bonded. Some grades of aluminium, galvanised steel and plastics may need priming.
2. Mix 11 parts of (A) with 1 part of (B) by weight and stir thoroughly. The adhesive has a pot-life of approximately 75 minutes once mixed (at 20°C).
3. Apply the adhesive to one substrate with a notched trowel or spatula.
4. Substrates can be brought together within 1 minute and up to 30 minutes. Hold into position until the adhesive has cured sufficiently (6 hours).
5. Full cure is not achieved for 24 hours or more depending on the ambient temperature.

Packaging:

Apollo Construction (A9434 A&B) comes supplied in a 5.6 litre poly pail (lid, cuvette and foil bag) (sold as 6.5kg kit).



5.6 litre poly pail

Technical Data

Product	(A9434 A&B)	Coverage	See below **
Base	Polyurethane (100%)	Cure-Time (20°C)	6 hours for handling/24 hours for full cure
Pot-Life (20°C)	75 minutes	Viscosity	(A) Thick Paste (B) Liquid
Appearance	(A) Cream (B) Brown	Application Temperature	5-25°C
Storage	5-25°C	Temperature Resistance	-30-150°C
Environmental	Solvent-Free/Hazardous/Non-Flammable		

**Coverage: A standard 6.5kg tub of Apollo (A9434 A/B) will cover a standard 2.5mx1.22m uPVC cladding sheet using a 5mmx5mm square notched trowel.

IMPORTANT NOTES:

Pot-life and cure-time: All information is provided as a guideline only and dependent on a range of variables: temperature, substrate being bonded, method of application, weight of adhesive applied and relative humidity. Where information on time has been given, an application temperature of 20°C is assumed. Apollo highly recommends that testing is conducted prior to application.

Temperature and timings: All information on temperature and timings represents 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: This product should be stored unopened in a dry condition at a temperature of 5-25°C. This will ensure a storage-life of 12 months. The adhesive will have a limited life once the container is opened.

Please contact your Apollo distributor if you require further information on Apollo and/or on our range of adhesives. If this specific product does not match your exact requirements, please ask your distributor about the product variations we offer or whether there is a possibility we can develop you a tailored solution (subject to volume).