Construction (A7510)

Wood Adhesive 1K MCPU

Weather-proof BOND | 100% Solvent Free | GAP-FILLING | Water-proof to EN 204 D4 | Single-Component | ONE-WAY Stick | 30 minute Cure-Time | 10 minute Open-Time

Apollo Construction (A7510) was developed specifically for internal and external wood applications, including kitchen fitting, skirting and general repairs. It can also be used for the edge jointing of Structural Insualted Panels (SIPs). It is a single-component (1K) moisture-curing polyurethane (MCPU) adhesive, which offers both the professional and DIY hobbyist many benefits:

- **Multipurpose**
- **Minimises task-time**
- **Gap-filling**
- **Waterproof to EN 204 D4**
- **Green credentials**

Multipurpose adhesive: suitable for horizontal surfaces

The consistency of Apollo Construction (A7510) makes it ideal for use on large horizontal surfaces, both onsite and in a workshop. It also helps to minimise the number of adhesives you need to store because it is multipurpose and can be used to bond wood to a variety of materials, including OSB, wood, laminates and metal.

Minimises task time and cost: one-way stick and easy application

Apollo Construction (A7510) ensures an economical usage rate due to its one-way stick application; which also helps to minimise task time. It is easy to apply via the bottle, brush or trowel, ensuring quick and simple application.

Disguises a multitude of sins: gap-filling properties

Most construction professionals will have experienced uneven joints and the problems they can cause. Apollo Construction (A7510) has excellent gap-filling properties that disguise uneven joints and imperfections, thereby helping to reduce these problems.

Peace of mind: waterproof to EN 204 D4 and has excellent weathering and aging properties

At Apollo, we understand you require peace of mind that the adhesive you are using can withstand the rigors of different environmental conditions. Apollo Construction (A7510) ensures a high-strength permanent bond quickly, which is waterproof to EN 204 D4 and has excellent weathering and aging properties.

Green credentials: solvent-free

Green credentials are becoming increasingly important within the construction industry, and this is set to continue. Apollo Construction (A7510) is solvent-free which makes it more environmentally friendly and pleasant to use compared to solvent-based products (VOCs). It also makes it suitable for use on a wide range of projects, even those with high levels of public usage, such as schools and hospitals.

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Instructions for use:

Substrate preparation/priming:

1. Ensure surfaces to be bonded are clean and free from grease and other contaminants.

General Application:

1. Apply Apollo (A7510) to one surface only. The amount of adhesive will vary according to the porosity/smoothness of both substrates. Recommended coat-weight is 80-140g/m².
2. Once the adhesive has been applied, it should be over-misted with water (approximately 10% of water - based on the adhesive coating weight is the optimum amount - excessive amounts of water should be avoided). Certain substrates, such as wood will contain enough moisture to cure the adhesive, however, the open and cure times will be prolonged.
3. Assemble the substrate and place under pressure within 10 minutes of adhesive application.
4. Maintain pressure until the adhesive is sufficiently cured to permit handling of the bonded items (30 minutes).
5. It will take 24 hours for full cure to be achieved and handling within this period should be kept to a minimum.

NB One of the substrates to be bonded must be porous/permeable.

Application for the edge jointing of SIPs:

1. The adhesive is supplied in a 1 Litre poly bottle for easy application straight from the bottle.
2. The nozzle should be cut to a diameter of 5mm x 2mm.
3. The adhesive is to be applied along the length of the spline and the SIPs clamped together or nailed until fully cured.

Packaging:

Apollo Construction (A7510) is available in various pack sizes (including 1 Litre, 5 litre, 20 litre or 205 litre and others).

1 litre poly bottle

Technical Data

Base	Polyurethane	Cure-Time	30 minutes/24 hours for full cure
Appearance	Brown	Open-Time	10 minutes
Temperature Resistance	-30-150°C	Shelf Life	12 months
Coverage	Up to 12.5m² per kg	Storage	5-25°C
Application Temperature	5-30°C	Environmental	See MSDS
Viscosity	4000cps	Cleaner	Solvent 6 or 9

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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