

Technical Data Sheet

Date of compilation: 26/03/2023

ARC PU WOOD GLUE 5MIN 1000G

DESCRIPTION

Arc Polyurethane Wood Glue 5 min is suitable for a wide range of internal and external wood applications. It is a solvent-free single-component moisture-curing polyurethane (1K MCPU) adhesive. This adhesive offers both the professional and DIY hobbyist user many benefits:

- Ideal for large horizontal areas
- Reduces storage requirements
- Peace of mind
- Disguises a multitude of sins
- Green credentials



CHARACTERISTICS

Ideal for large horizontal areas: economical coverage rate and simple application

Arc Polyurethane Wood Glue is ideal for large horizontal areas, both onsite or in the workshop due to its extremely economical coverage rate. It comes supplied in a plastic poly bottle, which makes application to such areas quick and simple.

Reduces the number of adhesives you need to store: bonds wood to a wide range of substrates

At Arc, we understand that you want to be able to use one adhesive for several jobs. Arc Polyurethane Wood Glue is a multipurpose adhesive, which reduces the number of adhesives you need to store. It securely bonds wood to a wide range of substrates, including all types of timber, even engineered timber, laminates and most metals.

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

You need total confidence that the adhesive you are using can withstand extreme environmental conditions. Arc Polyurethane Wood Glue creates a high-strength permanent bond within 30 minutes, with most materials and applications. It is fully waterproof to EN 204 D4 and has excellent weathering and aging properties. Arc Polyurethane Wood Glue is also resistant to chemicals and temperatures within the range of -30 to 150°C.

Disguises a multitude of sins: gap-filling properties hide uneven joints

Most woodworkers will have experienced uneven joints and the problems that this can cause. Arc Polyurethane Wood Glue helps to reduce these problems because its gap-filling properties disguise a multitude of sins, including keeping uneven joints and imperfections hidden.

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Green and safety credentials: solvent-free

Green credentials are becoming increasingly important within the construction sector, and this trend is set to continue. Arc Polyurethane Wood Glue is solvent-free, which makes it more pleasant to use and suitable for a wide range of projects.

TECHNICAL CHARACTERISTICS

Base	Polyurethane
Appearance	Neutral
Viscosity	4000cps
Open-Time	5 minutes
Cure-Time	30 minutes, full cure after 24 hours
Application Temperature	5-30°C
Temperature Resistance	-30 to 150°C
Storage	5-25°C
Coverage	8-10m ² per kg
Environmental	See MSDS

APPLICATION DETAILS

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

Application:

1. Using the poly bottle, apply Arc Polyurethane Wood Glue to one surface only. The amount of adhesive required will vary according to the porosity/smoothness of both substrates. Recommended coat-weight is 80-140g/m².
2. Assemble the substrates and place under pressure within five minutes of adhesive application.
3. Maintain pressure until the adhesive is sufficiently cured to permit handling of the bonded item (30 minutes).
4. 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.

SHELF LIFE

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.

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NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.