

Technical Data Sheet

Date of compilation: 26/03/2023

ARC PU WOOD GLUE 5MIN 310ML

DESCRIPTION

Arc Polyurethane Wood Glue 5 min Cartridge is an all-purpose, fast-setting wood adhesive suitable for a wide range of internal and external applications, including equipment manufacture, production line usage and DIY. It is a solvent-free gel polyurethane adhesive that offers both the professional and DIY hobbyist user many benefits:

- Complete problem solver
- Minimises task-time and cost
- Aesthetically pleasing
- Peace of mind
- Green credentials



CHARACTERISTICS

Complete problem solver: bonds wood to a wide range of substrates without the use of nails

Arc Polyurethane Wood Glue 5 min Cartridge is a complete problem solver. It securely bonds wood to a wide range of materials and is ideal for both vertical and horizontal surfaces due to its viscous (non-drip) properties. Arc Polyurethane Wood Glue 5 min Cartridge is compatible with most metals, wood and all types of timber, including engineered timber. It is also excellent for fixing carpet grippers and stair nosings, even in high traffic areas.

Minimises task-time and cost: extremely fast-setting and easily cartridge applied

We know that minimising both task-time and cost is key, and Arc Polyurethane Wood Glue 5 min Cartridge has been developed with this in mind. It is extremely fast-setting, with an open-time of five minutes and a cure-time of 20 minutes. Arc Polyurethane Wood Glue 5 min Cartridge also comes supplied in a cartridge featuring a nozzle for quick and easy application, whilst its viscous (non-drip) consistency reduces mess and waste.

Ideal for use when aesthetics are important: easy to paint over, 100% water-free and gap-filling

Arc Polyurethane Wood Glue 5 min Cartridge is ideal for use when aesthetics are important due to a number of properties. It is a neutral-coloured translucent gel that cures white. This creates a better looking bond line and allows you to paint over the adhesive easily. Arc Polyurethane Wood Glue 5 min Cartridge also eliminates unsightly wood uplift because it does not contain water (100% water-free). Its gap-filling properties cover a multitude of sins, including keeping uneven joints hidden.

Technical Data Sheet

Date of compilation: 26/03/2023

ARC PU WOOD GLUE 5MIN 310ML

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

At Arc, we understand 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 quickly, 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.

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, including those involving schools and hospitals.

TECHNICAL CHARACTERISTICS

Base	Polyurethane
Appearance	Translucent (neutral gel)
Viscosity	Viscous/Thixotropic
Open-Time	5 minutes
Cure-Time	20 minutes, full cure after 12 hours
Application Temperature	5-30°C
Temperature Resistance	-30 to 150°C
Storage	5-25°C
Coverage	12 Linear metres 5mm x 5mm bead
Environmental	See MSDS

APPLICATION DETAILS

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

Application:

1. Cut the tip of the cartridge and screw on the nozzle.
2. Cut the nozzle to an angle of 45 degrees.
3. Fit Arc Polyurethane Wood Glue into the cartridge gun.
4. Apply Arc Polyurethane Wood Glue to one of the surfaces to be bonded and assemble the bond within five minutes.
5. Apply pressure to the bond, preferably with a clamp.
6. The product will foam on application to fill any small gaps.
7. Clean away any excess adhesive immediately.
8. Components may be handled after 20 minutes of being bonded. Full cure is achieved

Technical Data Sheet

Date of compilation: 26/03/2023

ARC PU WOOD GLUE 5MIN 310ML

after 12 hours.

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.

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.