



PU Woodworking Adhesive

Technical Data Sheet

1. DESCRIPTION

Antel PU Woodworking Adhesive is a moisture curing, one part, Polyurethane adhesive specifically designed for use in the woodworking industry. It will bond a wide variety of materials including wood, plastics and metals.

2. SURFACE PREPARATION

Materials to be bonded should be clean and free from dust, grease and other contaminants. Metals should be stored in a warm environment prior to bonding to avoid chilling the glue line, which leads to extended cure times.

Most pre-finished metals have backing coats which are well suited to bonding.

Some grades of Aluminium, Galvanised Steel and plastics can be difficult to bond and may require the use of a primer. A test panel should always be prepared when new materials are to be used to establish the adhesive compatibility.

3. PACKAGING

500 ml and 1 litre containers.

Adhesive is Brown in colour

4. COVERAGE

1 Litre will cover up to 12.5 m²

5. STORAGE

Keep containers tightly closed in dry conditions. Avoid product temperatures above 25°C and below 5°C. Ensure adequate ventilation in the working area.

No special measures against fire or explosion required.

Flash point above 150°C.

6. APPLICATION

Apply the adhesive to wood joint via squeeze bottle, brush or scraper. Position the joint and tightly clamp until the adhesive has cured. If substrates to be bonded are moisture free, i.e. metals, plastics, a light moisture overmist may be required to obtain full cure. Whilst curing the adhesive may foam. When fully cured, the foam can easily be sanded.

7. SPECIAL FEATURES

- Can be used to bond oily woods e.g. teak, oak.
- It is recommended that any surface oils are removed before bonding.
- Bonds wood treated with caustic soda.
- Will take most stains and varnishes.
- Good gap filling properties.
- Waterproof bond achieved when fully cured.
- Solvent free.
- Apply to one surface only
- Handleable in one hour
- 24 hours full cure
- Flexible bond
- Chemical and heat resistant

8. SHELF LIFE

3 months

For more information on this product or any other product in our range please contact :

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