

5 30 & 45MINUTE PU WOOD ADHESIVES



Colour	Product Code	Pack Size	Box Qty
Trans	5MINPU3	310ml	12
Red	5MINPU7	750gm	6
Trans	30MINPU3	310ml	12
Brown	30MINPU7	750gm	6
Brown	45MINPU7	750gm	6

Product Description

LUMBER JACK 5 MIN, 30 MIN & 45MIN POLYURETHANE WOOD ADHESIVES are professional quality one part moisture curing wood adhesives with rapid setting properties. These products are available in three forms:

1. A 30 minute set cartridge applied thixotropic gel – LUMBER JACK 30 MINUTE POLYURETHANE WOOD ADHESIVE
2. A 5 minute set cartridge applied thixotropic gel – LUMBER JACK 5 MINUTE POLYURETHANE WOOD ADHESIVE
3. A 30-minute set free flowing liquid in a bottle – LUMBER JACK 30 MINUTE POLYURETHANE WOOD ADHESIVE LIQUID.
4. A 5-minute set free flowing liquid in a bottle – LUMBER JACK 5 MINUTE POLYURETHANE WOOD ADHESIVE LIQUID.
5. A 45-minute set free flowing liquid in a bottle – LUMBER JACK 45 MINUTE POLYURETHANE WOOD ADHESIVE LIQUID.

As well as bonding all common wood types (hard, soft, exotic, painted) LUMBERJACK PU WOOD ADHESIVES will also bond Formica, polystyrene, PU foam metal and glass wool and various plastics (including PVC) to porous surfaces. These products also adhere to stone, concrete, brick and masonry.

Benefits

- Fast setting – 45, 30 minute or 5 minute set (Typical PVA based wood glue – 8-12 hours)
- Exceptional bond strength to wood and most common building surfaces.
- Internal and external use - excellent weathering and aging properties.
- Fully water proof to EN204 D4, including seawater.
- Products foam slightly on application to fill small gaps and increase overall bond strength.
- Excellent Chemical Resistance.

Areas For Use

- General wood jointing and construction
- Window and door frame manufacture
- Door manufacture
- Furniture manufacture
- Boat building
- Construction of staircases and ladders
- As a high quality insulation adhesive for foam/glasswool/fibre boarding

Limitations

- At least one of the surfaces to be bonded must be porous.
- Not suitable for polyethylene, polypropylene, Teflon or Nylon.
- Surfaces may be damp, but moisture content of wood must not exceed 30%w/w.
- As product expands slightly on curing, do not use on sheet laminate. Use STICK 2 CONTACT ADHESIVE.
- Only apply between + 5 and + 30°C.
- Ensure surfaces are always clamped during use.
- Setting times will be increased at low temperatures and low humidity.

Surface Preparation

The surfaces to be glued should be clean and free from dust, grease and other contaminants. At least one of the materials must be porous. Roughen non-porous surfaces to give a key for the adhesive. To assist cure and achieve maximum bond strength, slightly moisten one surface with a damp cloth. Do not over wet.

Application

Cartridge Products: Cut tip of cartridge taking care not to damage the thread. Fix nozzle, cut to required aperture and apply using standard sealant gun.

Liquid version: Remove cap, cut spout and apply. Replace cap after use.

Wearing of gloves is recommended. Apply adhesive evenly to one surface. If necessary, cover large areas with a fine toothed spreader. Assemble parts IMMEDIATELY and clamp for duration of cure (5-30 minutes at 20°C; longer at lower temperatures). After this time, the joint may be easily handled. Full and final bond strength will be achieved after 30 minutes for 5 minute set or 24 hours for 30 minute set.

NOTE: These products foam slightly on application to fill small gaps. Any excess foam/adhesive must be removed with acetone before the product sets or with a sharp chisel once set.

Specific Data

Colour	Gels: Translucent Liquid: 5 Min: Red, 30 Min: Brown
Contents	100% prepolymers and catalyst (solvent free)
Solids	100% (solvent free)
Viscosity	200 x10 ³ mPa.s (bfld RVT sp7 5rpm) (gel)
Coverage	400g/m ² , or 10 linear meters per tube (approx)
Initial Set Time	5,30 or 45minutes, depending on product
Flash Point	N/A
Cleaner	Everbuild Gun Foam Cleaner or acetone BEFORE curing. After cure, use mechanical abrasion.

Health & Safety

Consult MSDS for full list of hazards.

Storage

Store in original unopened containers between 10 and 25°C. Reseal immediately once used or disposal will be necessary

Shelf Life

Twelve months from date of manufacture in original unopened containers. 6 months from date of manufacture for 5 minute liquid grade.

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