

## PRODUCT DATA SHEET

# EVERBUILD® Lumberjack® 5 Min PU Wood Adhesive

One part moisture curing wood adhesive in gel and liquid form

### PRODUCT DESCRIPTION

EVERBUILD® Lumberjack® 5 Min PU Wood Adhesive Liquid is ideal for larger applications, or in the workshop where greater economy is required. Sets hard in 5 minutes. Conforms to EN 204 D4 waterproofing. EVERBUILD® Lumberjack® 5 Min PU Wood Adhesive Gel is a thixotropic, gap filling gel which sets hard in just 5 minutes. Particularly suitable for equipment manufacture and production line applications where rapid handling is required.

### USES

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

### CHARACTERISTICS / ADVANTAGES

- Fast setting – 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.
- Products foam slightly on application to fill small gaps and increase overall bond strength.
- Excellent chemical resistance.

#### Specific Data

<b>Contents</b>	100 % prepolymers and catalyst (solvent free)
<b>Solids</b>	100 % (Solvent free)
<b>Viscosity</b>	Gel - $200 \times 10^3$ mPa.s Liquid - $2 \times 10^3$ mPa.s

### APPROVALS / STANDARDS

Conforms to EN204 class D4.

### PRODUCT INFORMATION

<b>Chemical Base</b>	Polyurethane
<b>Packaging</b>	Liquid - 750 g Plastic Bottle / Gel - 310 ml Cartridge
<b>Shelf Life</b>	Twelve months from date of manufacture in original unopened containers.
<b>Storage Conditions</b>	Store in original unopened containers between +5 and +25 °C. Reseal immediately once used or disposal will be necessary.
<b>Colour</b>	Liquid - Brown / Gel - Transparent
<b>Density</b>	Liquid - $1.12 \text{ g/cm}^3$ / Gel - $1.10 \text{ g/cm}^3$
<b>Yield</b>	Liquid - Approx $400 \text{ g/m}^2$ , Gel - Approx $225\text{-}355 \text{ ml/m}^2$

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## 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.

## ECOLOGY, HEALTH AND SAFETY

### APPLICATION INSTRUCTIONS

#### SUBSTRATE 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 METHOD / TOOLS

**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.

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.

### LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

### LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

#### SIKA LIMITED

Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited