

PRODUCT DATA SHEET

SikaBond® PVA Wood Adhesive+

D3 Cross-Linked PVA Based Wood Adhesive

PRODUCT DESCRIPTION

SikaBond® PVA Wood Adhesive+ can be used internally and externally and provides a high strength, impact resistance bond that is usually stronger than the wood itself. It dries clear and cures fast, with initial set time of 10 minutes. Ideal for all general woodworking and joinery uses, furniture assembly and household DIY use.

USES

- Woodworking and joinery.
- Furniture assembly.
- Household DIY use.
- As a weatherproof/ creep resistant wood adhesive.
- Interior and exterior use.

PRODUCT INFORMATION

Chemical Base	Waterbased polymer
Packaging	Bottles: 250 mL, 500 mL & 1 L Jerry cans: 5 L & 25 L
Colour	White, dries clear
Shelf Life	12 months from date of manufacture when stored according to manufacturer's instructions.
Storage Conditions	Store in cool, dry conditions between +5 °C to +25 °C. Protect from frost. Ensure containers are well sealed and out of direct sunlight. During storage, slight separation may occur (thin layer above thicker layer). This is an aesthetic rather than technical problem. In this case, mix well before applying.
Density	1.0 – 1.2 g/cm ³
pH-Value	2.0 - 4.0
Solid Content	45 – 50 %

CHARACTERISTICS / ADVANTAGES

- Fast bond strength development.
- High water resistance - D3 Classification.
- Will not stain timber.
- Dries clear.
- Waterbased for easy clean up.
- Suitable for radio frequency cure.

APPROVALS / STANDARDS

Conforms to EN204 and EN205 class D3.
EN14256 Resistance to static loads.

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

- Not suitable for continuous immersion in water.
- Not suitable for load bearing applications.
- Ensure wood doesn't contain excessive moisture (must be <15 %).
- Do not use at temperatures below +10 °C.
- Drying time is extended at low temperatures.
- Clean excess adhesive off glue line after clamping before adhesive dries with a damp cloth.
- Before staining / varnishing, sand off any excess adhesive from the wood.
- Ensure sufficient clamping pressure (especially important with radio frequency bonding).
- Use on Laminates: Only suitable for bonding small porous laminate strips. Do not use on non-porous or large areas of laminate - use Stick2 Contact Adhesive.
- Exterior Use: All glue joints must be protected with waterproof paint when dry.
- Because of the varied nature of wood components, e.g. area of growth, type of pre-treatment etc., unpredictable discolouration may occur on different types of wood such as cherry, beech and others. In certain oaks, iron and tannin can also give this effect. We recommend you test compatibility before carrying out large scale manufacture.

It is the user's responsibility to determine suitability of use. If in doubt, please contact Technical Services department for advice.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

SUBSTRATE PREPARATION

- All surfaces must be clean, dry and free from grease.

APPLICATION METHOD / TOOLS

- Apply adhesive thinly to both surfaces.
- Do not over-apply as this will slow down cure.
- Remove excess adhesive with a damp cloth immediately.
- Clamp surfaces together until adhesive dries.
- Initial bond formed after 10 minutes.
- Support until fully cured (Full strength within 8 hours at +20 °C).
- When fitting dowels, the adhesive should be applied to the holes.
- Suitable for radio frequency curing.

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 the 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.

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