

## PRODUCT DATA SHEET

# EVERBUILD® Lumberjack® 550 Floor Adhesive

### PREMIUM HYBRID WOOD FLOOR ADHESIVE

#### PRODUCT DESCRIPTION

EVERBUILD® Lumberjack® 550 Floor Adhesive is a high specification, hybrid polymer, cartridge or foil pack applied adhesive specially designed for fixing all types of wooden floors directly onto all common substrates. EVERBUILD® Lumberjack® 550 Floor Adhesive has the following key benefits: water free, will not cause warpage of wood, rapid setting, permanently flexible, suitable for use with underfloor heating, excellent acoustic properties.

#### USES

Fixing all types of wooden floors directly onto all common substrates

#### CHARACTERISTICS / ADVANTAGES

- Water free - will not cause warpage or curl of wood blocks/planks.
- Permanently flexible – compensates for subfloor movement.
- Will bond wood directly to all common subfloors, e.g. concrete, wood, metal, ceramic tile, vinyl, marble, granite and most natural stone floors.
- Suitable for use with underfloor heating (due to high flexibility)
- Excellent gap filling properties for uneven surfaces

<b>Temperature resistance</b>	-40 to +80°C
<b>Trafficability/Sandability on new floors</b>	24 hours after fixing
<b>Viscosity</b>	250,000 – 300,000 cP
<b>Chemical resistance</b>	Excellent
<b>Humidity and water resistance</b>	Excellent
<b>Alkali resistance</b>	Excellent

#### PRODUCT INFORMATION

<b>Chemical Base</b>	STPE Hybrid Polymer
<b>Packaging</b>	300ml cartridge and 600ml foil pack
<b>Colour</b>	Buff
<b>Shelf Life</b>	12 months from date of manufacture when stored as directed.
<b>Storage Conditions</b>	Store in cool, dry conditions between +5 and +25°C. Ensure good ventilation. Storage outside these parameters will dramatically reduce shelf life. Opened packaging must be closed airtight and used up as soon as possible (within 1 month).
<b>Density</b>	1.53g/cm <sup>3</sup>
<b>Shear Strength</b>	>1.2N/mm <sup>2</sup> (24 hrs) (wood/wood)

<b>Consumption</b>	One 300ml Cartridge will bond approximately 1m <sup>2</sup> of flooring when applied as directed. One 600ml sausage will bond approximately 2m <sup>2</sup> of flooring when applied as directed.
<b>Ambient Air Temperature</b>	+5 to +30°C
<b>Substrate Moisture Content</b>	28 days maturing and max 3% moisture content before using this adhesive. For moisture contents at 3.1-7%, use in conjunction with SikaBond DPM Rapid and moisture barrier. Do not use this product above these recommended moisture levels.
<b>Curing Time</b>	36-48 hours.
<b>Tack Free Time</b>	30 mins at 23°C and 50% RH

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants. Existing floors must be free from all polish/wax. Prime/stabilise friable concrete/anhydrite and floors with residual adhesive with SikaBond DPM Rapid before application. New concrete must be allowed 4 weeks to dry and mature. Always check moisture level of subfloor - if moisture levels in subfloor are above those recommended by the flooring manufacturer, damp proof the floor with at least two coats of SikaBond DPM Rapid as directed. (See Important Considerations section). Chipboard must be free of release agents/wax. Very porous or friable surfaces should first be primed with SikaBond DPM Rapid and allowed to dry. Basement/below ground floors must be adequately protected with a D.P.C and two coats of SikaBond DPM Rapid applied as directed. Under floor heating must be turned off 48 hours before and 48 hours after the adhesive has been applied.

**FLOORING:** The parquet flooring MUST be acclimatized for several days in the room where it is to be installed. Leave in original packaging during this period.

### APPLICATION METHOD / TOOLS

All installations and sub floor preparations must be carried out in line with the relevant British or international standards. Cut off tip of sausage and place into suitable cartridge. Cut off top of nozzle flat to leave an 8mm opening. Cut a V shaped profile down into nozzle to a depth of ~10mm. Fix nozzle and place cartridge containing sausage in sealant gun. Hold gun at 90° to floor and extrude out a triangular shaped bead, approx 8mm wide and 10mm high at ca. 250mm centres at right angles to the length of the plank. Position blocks/planks whilst adhesive is still tacky (within 30mins) and tap into final position with mallet and block, removing uncured adhesive with EVERBUILD WONDER WIPES. (Caution - test compatibility with lacquer finished block first) Floor may be sanded/ trafficked 12-24 hours after application, depending on site conditions (longer at low temperatures). If surface has no or little absorbency; allow 3 days be-

fore sanding/trafficking.

### LIMITATIONS

- Always check with flooring manufacturer re: any specific instructions/requirements specifically relating to their flooring before fitting floors.
- Do not use against bitumen or substrates that bleed oil or plasticizers
- Do not use, store or allow to cure below +5°C.

### 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.

### 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.

### ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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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