Bostik Hardwood Adhesive

HIGH BONDING PERFORMANCE

Date: 23 October 2019

Fact Sheet No.: TDS02118

YOUR SMART ADVANTAGES

- Hybrid technology
- High bonding performance
- Suitable for use with underfloor heating
- Permanently elastic

USES

Bostik Hardwood Adhesive is a high performance, permanently elastic single component hybrid adhesive for surface bonding all wood flooring. It is ideal for bonding all wood species, strip parquet, solid wood floor up to 180mm wide, plywood parquet and exotic timber. It can be bonded onto concrete, wood, metal decking, ceramic tiles and anhydrite screed.

Bostik Hardwood Adhesive is not suitable for use with solid beech.

Bostik Hardwood Adhesive is suitable for use with warm water underfloor heating installations (surface temperature must not exceed 27°C). Heating systems must be switched off for 48 hours before installation. Wait 7 days after installation before turning underfloor heating up.

PRODUCT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Colour</th>
<th>Light oak</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Moisture curing polymer</td>
</tr>
<tr>
<td>Type of solvent</td>
<td>Solvent and isocyanate free</td>
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<tr>
<td>Specific Gravity</td>
<td>1.4–1.6 approx.</td>
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<tr>
<td>Product Code</td>
<td>30611750</td>
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<tr>
<td>Storage/Shelf Life</td>
<td>Store for up to 12 months from date of manufacture when stored in original, unopened packaging within the temperature range of 10°C to 30°C and out of direct sunlight. Protect from frost.</td>
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TYPICAL PERFORMANCE DATA (approx.)

<table>
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<tr>
<th>Coverage</th>
<th>1 kg–1.4kg/m²</th>
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<tr>
<td>Application Temperature</td>
<td>10°C to 30°C</td>
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<tr>
<td>Open Time</td>
<td>Approx. 40 minutes at 23°C</td>
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<tr>
<td>Drying Times</td>
<td>Foot traffic: approx. 12 hours</td>
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DIRECTIONS FOR USE


All phases of installation should comply with the latest editions of:

- BS 8102 Code of Practice for protection of building against water from the ground.
- BS 8201 Code of Practice for Flooring of timber, timber products and wood based panel products.

PREPARATION

Subfloor:
1. Ensure the subfloor is flat, clean, sound, dry and free from contaminants that may hinder adhesion.
2. The subfloor should be tested in accordance with British Standards using a properly calibrated and insulated hygrometer.
3. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry. Where this has not been attained, it is necessary to apply a Bostik surface membrane to suppress residual moisture. For further information contact Technical Services.
4. Ensure the timber is acclimatised in accordance to the manufacturer’s instructions in the environment in which it is to be laid. Always allow an expansion gap around any perimeters or columns to allow for natural movement of the wood when bonded. Follow the manufactures instructions with regards to washer gaps on wide expanses of floor and for use of expansion gaps at doorways or where thresholds are present.

**Smoothing Compounds:**
5. Mechanically remove any surface treatments on concrete bases.
6. Repair any deep indentations in the subfloor with Bostik Rapid Repair Mortar and apply a suitable Bostik smoothing compound at a minimum thickness of 3mm.

**Existing Floor Coverings:**
7. Existing wooden subfloors must have an intact base DPM.

**PRIMING**
8. Priming is not required.

**APPLICATION**

**Porous Surfaces:**
9. Spread evenly over the floor.
10. Ensure a good overall contact is achieved between wood and substrate. Spread the adhesive with a sweeping motion at a 60° angle.
11. Place the wood into the adhesive while it is still wet. Only apply enough to work within 40 minutes.
12. Place wood in the adhesive, and press firmly to ensure good overall contact. Use heavy objects to hold the wood firmly in place during the curing time.
13. The bonded wood should take foot traffic after 12 hours. Leave bonded wood 48 hours before sanding and varnishing.

**Non/Low-Porous Surfaces:**
14. Ensure surface is completely clean and free from dirt and contaminants. Proceed as for Porous Surfaces.

**CLEANING**
15. Do not allow to cure. Remove excess adhesive immediately by scrapping off then cleaning with a cloth dampened with white spirit. Cured adhesive requires mechanical removal.

**PRECAUTIONS IN USE**
For any application not covered please contact Technical Services on +44 (0) 1785 272625 or visit www.bostik.com/uk for advice.

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