Laybond HT

HIGH STRENGTH ADHESIVE FOR LUXURY VINYL TILES AND HIGHLY PLASTICISED PRODUCTS

Date: 25 November 2019

YOUR SMART ADVANTAGES

- Co-polymer emulsion adhesive
- Superior performance
- Large temperature range

USES

Bostik Laybond HT is a non-staining, high temperature adhesive that is specifically formulated to give high performance over a large temperature range, along with excellent plasticiser migration resistance. It is white in colour and has a trowellable consistency.

It is ideal for bonding of hot pressed laminated (luxury vinyl) tiles, PVC backed carpets, PVC sheet and tiles, thin rubber flooring, to concrete, sand/cement screeds, wood, and smoothing compounds.

It is also suitable for areas subject to high solar gain, such as conservatories and glass fronted shop windows. It is also suitable for use with warm water under floor heating installations (surface floor temperature must not exceed 27°C). Keep heating off for 48 hours before and after the installation.

PRODUCT CHARACTERISTICS

<table>
<thead>
<tr>
<th>Colour</th>
<th>Off white</th>
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<tbody>
<tr>
<td>Form</td>
<td>Medium viscosity paste</td>
</tr>
<tr>
<td>Composition</td>
<td>Blend of polymers and resins</td>
</tr>
<tr>
<td>Type of solvent</td>
<td>Water based</td>
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<tr>
<td>Specific gravity</td>
<td>1.25 approx.</td>
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<tr>
<td>Product Code</td>
<td>30811817 15kg</td>
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TYPICAL PERFORMANCE DATA (approx.)

| Coverage | 35-42m² per 15kg |
| Application Temperature | 5°C to 40°C |
| Service Temperature     | Up to +50°C |
| Open Time               | 10 to 20 minutes (dependent upon site conditions) |

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 5325 Code of Practice for the installation of textile floor coverings.

BS 8203 Code of Practice for the installation of resilient floor coverings.

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 Screedmaster surface membrane to suppress residual moisture. For further information contact Technical Services.

**Smoothing Compounds:**

4. Mechanically remove any surface treatments on concrete bases.

5. Repair any deep indentations in the subfloor with Bostik Screedmaster Rapid Repair Mortar and apply a suitable Bostik Screedmaster smoothing compound at a minimum thickness of 3mm.

**Existing Floor Coverings:**

6. Not recommended for use over existing floor coverings.

**PRIMING**

7. Surfaces should be thoroughly cleaned and vacuumed. Prime boards and other porous surfaces with diluted Bostik Screedmaster Universal Primer (dilute 2 parts water to 1 part Bostik Screedmaster Universal Primer) and allow to dry. This is particularly important with hardboard, chipboard and plywood. Ensure that the floor covering manufacturer recommends the floor covering for use with the particular substrate.

**APPLICATION**

**Porous Surfaces:**

8. Using a triangular-notched trowel (1.5mm deep at 5mm centres), spread adhesive evenly over substrate with a sweeping motion at a 60° angle.

9. Do not apply more adhesive to an area than can be covered within the adhesive open time of typically 10 to 20 minutes (dependent upon site conditions).

10. The floor covering must be placed onto the wet adhesive. Apply even pressure to ensure good overall contact (e.g. with a 68kg roller). For PVC backed carpets or embossed floor coverings increase trowel notch size (2mm deep at 6mm centres).

11. The floor covering can be rolled up to 2 hours later to consolidate the bond and ensure good overall adhesion is achieved.

**Non/Low-Porous Surfaces:**

12. Apply primer as above, followed by a suitable Bostik Screedmaster smoothing compound at a minimum depth of 3mm. Consult Technical Services for the most appropriate smoothing compound. Proceed as for porous surfaces.

**CLEANING**

13. Do not allow to dry. Remove excess adhesive immediately by scraping 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.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Laybond HT, available at www.bostik.com/uk.
BREEAM DECLARATION OF PERFORMANCE

No.: TDS00867

Product Description: BOSTIK LAYBOND HT

Product Code: 5010591120242

Intended Use: Luxury Vinyl Tiles, PVC Backed Carpets, Vinyl, Thin Rubber Sheets

Manufacturer: Bostik Ltd

Contact Address: Common Road Stafford ST16 3EH

System of Assessment: (emission of carcinogenic and sensitizing substances)

Harmonised Standard: EN 13999:2007

Declared Performance: Evaluation of the results

The tested product complies with the requirements of BREEAM for flooring adhesives (emissions measured with EN13999 : 2007) after 1 day

<table>
<thead>
<tr>
<th>Essential Characteristics</th>
<th>Harmonised technical specification</th>
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</thead>
<tbody>
<tr>
<td>Absence of carcinogenic substances (C1A, C1B, C2)  (risk phrases R40, R45, R46, R49, R60, R61 or R63).</td>
<td>EN 13999:2007</td>
</tr>
<tr>
<td>Absence of sensitizing substances (risk phrase R42).</td>
<td></td>
</tr>
<tr>
<td>None of these substances could be detected</td>
<td></td>
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</table>

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

Signed for and on behalf of Bostik Ltd by:

Name: Alison Jamieson    Function: S.H.E.Q. Manager

Signature: [Signature]    Date: 5th December 2014
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