



Never compromise on quality!

# LX16

## Heavy Duty Wood Flooring Adhesive

### Description

*An interior grade, solvent based adhesive formulated to a trowelling consistency. Ready to use, it rapidly develops bonding strength and has a high shear strength.*

### Uses

**LX16** suitable for bonding all types of parquet flooring, wood block and wood strip (Max 1.5m length), solid floorboards and level cork sheets.

It can be applied to most common absorbent substrates, including concrete, cementitious screeds, flooring grade plywood (Min 6mm WBP) and smoothing compounds over most non absorbent substrates. For mastic asphalt sub-floors, please contact Technical Services.

It is suitable for use where there are underfloor heating systems (surface floor temperature should not exceed 27°C). However, heating should be switched off at least 48 hours before and after the installation of the floor covering.

### Limitations

This adhesive must not be regarded as a damp proof membrane; nor is it recommended for use over existing floor coverings.

### Preparation

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

- **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.

### Sub-Floor:

Ensure the sub-floor is clean, sound, dry and free from contaminants that may hinder adhesion, including surface hardeners and additives. It should have an effective damp-proof membrane and be tested in accordance with British Standards, using a properly calibrated and insulated hygrometer. A reading of 75% RH or less indicates the sub-floor is suitably dry. Application of Schonox SDG or EG Surface Membrane will suppress residual moisture (Note, SDG and EG cannot be used over underfloor heating).

Mechanically remove any surface treatments, old

adhesive residues or "friable" areas to expose a sound concrete base.

Repair any deep indentations in the sub-floor with a suitable patch repair product. Where floors require smoothing apply a floor leveling compound such as SCHONOX FPL PLUS at 5mm thickness. Surfaces should be thoroughly cleaned (preferably vacuumed).

### Priming

Prime boards and other sound porous surfaces with SCHONOX VD PRIMER, used as per data sheet, and allowed to dry. This is imperative with plywood. Ensure the floor covering manufacturer recommends the timber product for use with the particular substrate.

### Application

Stir prior to use. Wear protective gloves and goggles.

**Porous Surfaces:** Spread evenly over the floor surface with a triangular notched trowel.

Unless recommend otherwise by the timber manufacturer a B3 notched trowel is generally suitable on a smooth, level subfloor. However if the floor is not level, the trowel size should be increased to B6, B10, B11 or B15 to give adequate transfer of adhesive onto the back of the timber. This is particularly important with strips and planks.

Always use a trowel size which will give full "wetting out" to the back of the wood. Apply with a sweeping motion at a 60° angle and place the wood into the adhesive whilst still wet (normally within approx. 10 minutes of application. To facilitate this, it is recommended that approximately 1m<sup>2</sup> is applied at a time).

The wood should then be firmly pressed into the adhesive, with a gentle to and fro movement, to ensure good overall contact. Longer lengths may require weighting down until adhesive has set. The bonded wood should then be left overnight before any trafficking takes place. Sand and seal only after the adhesive is fully dried (approx 16 hours).

**Non-porous surfaces:** When laying onto nonporous or low porosity surfaces it is recommended to apply Schonox FPL PLUS LEVELLING COMPOUND at 5mm thickness and allow to dry overnight. Application can then proceed as for porous surfaces.

**Cleaning**

Clean tools immediately after use with white spirit or solvent based thinners if the material has dried. Uncured adhesive can be removed from the floor covering with a damp cloth but do not allow the adhesive to dry.

**Storage Conditions**

24 months under good storage conditions in original, unopened containers. Protect from frost. Containers must be kept sealed and stored under cover away from sources of heat and ignition. Keep out of direct sunlight at a temperature of between 5°C and 40°C. Store in accordance with the Highly Flammable Liquids and

Liquefied Petroleum Gases Regulations (1972).

**Coverage**

Using a B3 notched trowel will give approximately 2m<sup>2</sup> per litre coverage.

**Size**

10L and 5L (15L available on request).

**Health & Safety**

R11 - Highly flammable.  
 S1/2 - Keep locked up and out of the reach of children.  
 S13 - Keep away from food, drink and animal feedingstuffs.  
 S16 - Keep away from sources of ignition - No smoking.  
 S46 - If swallowed, seek medical advice immediately and show this container or label  
 Safety data sheet available for professional user on request.

**Specification Summary**

Appearance	Beige
Characteristics	Synthetic resin
Density	1.49Kg/L
Approximate Flashpoint	-1°C
Application Temperature Limit	+5°C to +30°C
Service Temperature	Up to 50°C
Skin Formation	After approx 30 minutes*
Open Time	Approx 10-15 minutes*
Curing Time	Approx 24 hours*
Final Strength	Approx 72 hours*

\* All approx times tested @ 18°C. Lower temperatures will extend drying times. Higher temperatures will shorten the open time.

<b>Code:</b>	BDLX161	BDLX162	BDLX163
<b>Size:</b>	5L	10L	15L
<b>Barcode:</b>	5060021367822	5060021367846	506002136783

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this*

*leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not*

*absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*



Certificate Number: 6152  
 ISO 9001  
 ISO 14001



**BOND IT**  
 Unit G16 River Bank Way, Lowfields Business Park,  
 Elland, West Yorkshire HX5 9DN.  
 Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310  
 Email: sales@bond-it.co.uk Website: www.bond-it.co.uk



V2 29/11/12