

# L16 WOODBOND

## Heavy duty wood flooring adhesive

### DESCRIPTION

A filled solution of synthetic polymer resins in a blend of solvents. Formulated to a trowelling consistency.

### USES

For bonding all types of parquet flooring, woodblock and woodstrip to concrete, cementitious screeds, flooring grade plywood, chipboard, hardboard, and smoothing compounds. It is of particular use where the nature of the wood flooring makes it particularly prone to warping when bonded with water borne adhesives.

L16 Woodbond is suitable for use with underfloor heating installations (surface floor temperatures should not exceed 27°C). However the heating should be switched off at least 48 hours before and after installation.

**The adhesive must not be regarded as a damp proof membrane.**

### PREPARATION

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

BS CP102 Code of Practice for protection of buildings against water from the ground.

BS8201 Code of Practice for flooring of timber, timber products, and wood based panel products.

### SUBFLOOR:

Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion, including surface hardeners and additives. It should also have an effective damp-proof membrane.

The subfloor should be tested in accordance with British Standards, using a properly calibrated and insulated hygrometer. 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 ScreedMaster surface membrane to suppress residual moisture, followed by an appropriate primer and a minimum of 3mm smoothing compound. For further information contact Laybond Technical Services Department.

### SMOOTHING COMPOUNDS:

Mechanically remove any surface treatments on concrete bases. Repair any deep indentations in the subfloor with Rapid Repair Mortar, followed by a standard application of a ScreedMaster smoothing compound. Where floors require smoothing, apply the compound at a minimum thickness of 3mm.

ScreedMaster 1 is recommended for woodstrip and woodplank materials. ScreedMaster 2 may be used for woodblock and parquet flooring installations.

### EXISTING FLOOR COVERINGS

Not recommended for use over existing floor coverings.

### PRIMING

Prime boards and other porous surfaces with Gripfill PVA (diluted 1:5 with clean water) or Universal Primer and allow to dry. Surfaces should be thoroughly cleaned (preferably vacuumed). This is particularly important with hardboard, chipboard and plywood. Ensure that the floor covering manufacturer recommends the timber product for use with the particular substrate.

### APPLICATION

#### POROUS SURFACES

Spread evenly over the floor surface with a triangular notched trowel cut 2mm deep x 6mm for woodblock and parquet panels and 2.7mm deep x 5mm for woodstrip and woodplank (for floors that are not smooth the notch size may need to be increased.) Spread the adhesive with a sweeping motion at a 60° angle and place the wood into the adhesive while it is still wet. This will be within 10 – 15 minutes of application and to facilitate this, it is recommended that only 1m<sup>2</sup> is applied at a time. The wood should be pressed firmly into the adhesive to ensure good overall contact. The bonded wood should then be left overnight before any trafficking takes place.

#### NON / LOW POROUS SURFACES

When laying into non porous or low porosity surfaces apply a suitable Screedmaster smoothing compound to a depth of 3mm and allow to dry overnight. Application can then proceed as for porous surfaces.

### SAFE HANDLING PRECAUTIONS

#### Flammability: Highly Flammable

Keep away from sources of ignition including pilot lights and sparks (see Note). Take precautionary measures against static discharge. Keep containers tightly closed when not in use. DO NOT SMOKE.

If used in an enclosed space ensure thorough ventilation of the area (using flame proof mechanical blowers if necessary) to avoid any accumulation of vapour until the product has dried. In case of fire use dry powder, carbon dioxide (CO<sub>2</sub>), foam, sand or earth. Never use water as this may spread the fire.

Note: Electric motors, light / power switches and steel tools may generate sparks sufficient to ignite the product or its vapour, resulting in an explosion and / or fire.

CONTINUED OVERLEAF



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### TYPE OF SOLVENT

Industrial Methylated Spirits

### APPROX. FLASHPOINT

17°C

### APPROX. SPECIFIC GRAVITY

1.5

### APPROX. COVERAGE

Woodstrip/Woodplank:  
using a 2.7mm x 5mm notched trowel coverage is 16m<sup>2</sup> per 10L.  
Woodblock/Parquet Panels:  
Using a 2mm x 6mm trowel notch 25m<sup>2</sup> per 10L.

### APPLICATION TEMP. LIMITS

5°C - 30°C

### SERVICE TEMP. LIMITS

Up to 35°C

### SIZES AVAILABLE

10L, 5L



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**Skin Contact:** Contains solvents that cause de-fatting of the skin and, in extreme circumstances dermatitis. Avoid contact by careful working and use of barrier cream on hands, arms and other exposed areas or wear gloves. Remove skin contamination immediately with a proprietary hand cleaner and wash with soap and water.

**Eye Contact:** Avoid contact. Could be harmful. In the event of accidental contact, wash eyes immediately with clean water and obtain medical attention.

**Inhalation:** Gives off irritating heavy vapours. Use only in well ventilated areas and use respirators containing cartridges suitable for use with organic solvents where necessary. In the event of discomfort as a result of inhalation move person to fresh air. If discomfort persists obtain medical attention.

**Oral Ingestion:** With proper handling this should not occur. The possibility can be minimised by not consuming food in the working area and by washing hands thoroughly before eating, drinking or smoking.

**Spillage:** Spilt material should be mopped up immediately with an inert absorbent material, such as sand, and disposed of in accordance with regulations.

**Disposal of Containers:** Do not leave containers on site where residue could be a hazard to children, animals or the environment. Replace lids securely and remove any containers to a central disposal point.

**Cleaning of Tools:** Clean immediately after use with methylated spirit.

**Storage:** 12 months under good storage conditions in original unopened containers.

**Storage Conditions:** 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 under cover in tightly closed containers, in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations (1972).



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