

# L19 MS WOOD BOND

High strength flexible adhesive for surface bonding wood flooring

## DESCRIPTION

A high performance, flexible, single component MS Polymer adhesive for surface bonding all wood flooring.

## USES

For bonding all types of wood flooring including wood blocks, wood mosaic panels, engineered, laminated and solid wood plank/strip flooring.

Use over most common substrates, sand/cement screeds, concrete, calcium sulphate screeds, stone, metal, timber and epoxy membranes. For other surfaces please consult Technical Services for suitability.

Compatible with most underfloor heating systems. Consult Technical Services for confirmation.

## PREPARATION

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

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

BS 8201 Code of Practice for flooring of timber, timber products and wood based panel products.

## SUBFLOOR:

Ensure the subfloor is flat, clean, sound and dry and free from contaminants that may hinder adhesion, this includes, paint, varnish, polish, old adhesive residues and plaster spots. Existing wooden subfloors must have an intact base DPM.

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. For further information contact Technical Services.

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.

## SMOOTHING COMPOUNDS:

Mechanically remove all surface treatments on concrete bases. Repair any deep indentations in the subfloor with Rapid Repair Mortar. Lightly abrade calcium sulphate to remove any surface laitance. Apply a suitable Screedmaster smoothing compound at a minimum thickness of 3mm. See relevant Technical Data Sheet for full information.

## EXISTING FLOOR COVERINGS

Not recommended for use over existing floor coverings.

## PRIMING

Clean surfaces thoroughly. Prime boards and other porous surfaces with Gripfill Universal PVA (diluted 1:5 with clean water) or Screedmaster Universal Primer (diluted 1:2 with clean water) and allow to dry. This is particularly important with hardboard, chipboard and plywood. Ensure the manufacturer recommends the floor covering for use with the particular substrate.

## APPLICATION

On a smooth floor spread evenly over the floor surface with a triangular notched trowel cut 3mm deep x 6mm. For rough textured floors a deeper notched trowel may be required. This will adversely affect the coverage rate of the adhesive. Spread the adhesive with a sweeping motion at a 60° angle and place the wood into the adhesive while it is still wet. Press firmly or gently tap the wood into the adhesive to ensure good overall contact. Where necessary use heavy objects to hold the wood firmly in place during curing time. The bonded wood will be suitable to take foot traffic 6 to 8 hours after application. It should be left for 48 hours before sanding or varnishing takes place.

## OPEN TIME

Approximately 20 minutes.

## COVERAGE

Using a B3 or a 3mm x 6mm "v" or a notched trowel the coverage is approx. 0.8 - 1.1kg/m<sup>2</sup>.

## SAFE HANDLING PRECAUTIONS

### Flammability: Non-flammable.

**Skin Contact:** Avoid prolonged contact with skin. Remove skin contamination when wet with water. Use a proprietary hand cleaner if product has dried.

**Eye Contact:** In event of accident, irrigate with cold, clean water and obtain medical attention.

**Inhalation:** Use in well-ventilated areas. Should discomfort occur, remove person to fresh air and obtain medical attention if complaint persists.

**Oral Ingestion:** Rinse mouth with water and obtain medical attention.

**Spillage:** Mop up immediately with an inert, absorbent material such as sand, and dispose of in accordance with regulations.

**Disposal of Containers:** Do not leave empty containers where residue could be a hazard. Replace lids and remove containers to a central disposal point.

**Cleaning of Tools:** Clean immediately after use with water.

**Cleaning of Surface:** Remove any adhesive from surface of floor covering with a damp cloth. Do not allow to dry.

**Storage:** 12 months in original, unopened container, out of direct sunlight at a temperature between 5°C and 25°C. PROTECT FROM FROST.



# L19 MS WOOD BOND

## TYPE OF SOLVENT

Solvent free, isocyanate free

## APPROX. FLASHPOINT

Not applicable

## APPROX. SPECIFIC GRAVITY

1.54

## APPROX. COVERAGE

0.8 - 1.1kg/m<sup>2</sup> per 13kg

## APPLICATION TEMP. LIMITS

5°C - 35°C

## SERVICE TEMP. LIMITS

-40°C - 100°C

## SIZES AVAILABLE

13kg



Riverside, Saltney, Chester CH4 8RS  
Tel: 01244 625000 Fax: 01244 680215  
Technical Services Tel: 01244 625020

Email: [info@laybond.co.uk](mailto:info@laybond.co.uk)  
[www.laybond.com](http://www.laybond.com)