



Never compromise on quality!



# FLOORBOND TS550

## Polymer Wood Floor Adhesive

### Description

*TS550 is a permanently flexible, one part, ready to use, moisture cure, internal wood flooring adhesive. Free from silicone, solvent, isocyanates and water. Based on hybrid polymer technology; TS550 reduces the risk of warping or deforming the wood flooring due to its moisture and solvent free composition.*

- Solvent and Moisture Free
- Quick Cure and Rapid Bond Strength
- Permanently Elastic
- Suitable for use with Underfloor Heating

### Uses

For the internal bonding of parquet, mosaic, oak, wood block, laminated, exotic timber and many other wood floor types to porous or non porous substrates including; screeds, chipboard, plywood, concrete and anhydrite. **TS550** is also compatible with substrates incorporating under-floor heating systems.

### Preparation

All surfaces must clean, dry and free from, grease, polish, old adhesive remnants or any other contaminants that may hinder adhesion. Loose, friable or cracked areas should be repaired prior to application. The moisture content throughout the substrate should be checked by Hygrometer, ensuring that the moisture content does not exceed that recommended by the wood flooring manufacturer for the particular substrate. In particular Anhydrite levels would differ to those of concrete. The wood flooring should also be checked that the relative humidity figure falls within those recommended by the manufacturer. Note; underfloor heating systems should be turned off 48 hours before and 48 hours after application.

### Application

The application temperature should not be below +10°C and not above +30°C, materials should be acclimatised to this temperature in the intended application site prior to installation. Solid floors should have an existing DPM in place. Using a suitably sized notched trowel, apply the adhesive to the substrate. Do not apply more adhesive than will be used within 20 minutes of application. To ensure maximum transfer of adhesive to the wood, lay into the adhesive with a slight twisting motion and tap into place. Loading the

flooring with weights will ensure the 80% minimum coverage required is achieved and will improve the final bond strength.

**TS550** will take at least 24 hours to cure assuming a temperature of 23C at 50% RH. Cooler and / or less humid conditions will extend drying times. Wait until the adhesive has fully cured before sanding or finishing the flooring.

### Cleaning

Uncured **TS550** can be removed by white spirit. Cured adhesive must be removed mechanically.

### Storage Conditions

Keep in cool, dry well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### Shelf Life

9 months when stored in original, unopened containers in cool dry conditions between +5°C and +20°C.

### Coverage

Depending upon substrate condition and porosity the approximate coverage rates will be.

21m<sup>2</sup> with a B3 trowel.

15m<sup>2</sup> with a B13 trowel

### Size

10 Litres.

### Safe Handling Precautions

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

*Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.*

## Specification Summary

Density	1.49g/cc
Open Time	20 minutes
Shore A Hardness	40+/- 5
Tensile Strength	2.0 N/mm <sup>2</sup>

<b>Code:</b>	BDTS55
<b>Size:</b>	10L
<b>Barcode:</b>	5060021368973



*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 express 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



V1 15/10/12