

# F.539

## WOOD FLOORING ADHESIVE



F.539 is a solvent-based synthetic resin adhesive designed for the installation of a wide range of wood floors. This universal wood flooring adhesive is formulated to a trowelling consistency. It is fast setting and develops high bond strength.

- Excellent grab
- Fast setting
- High bond strength

### Uses

F.539 Wood Flooring Adhesive is suitable for the installation of:

- Parquet Flooring - Mosaic & Wood Block
- Engineered flooring
- Solid wood flooring

### Sub-Floors

Concrete bases, cement screed, smoothing & levelling underlayment, flooring grade chipboard, hardboard and plywood.

### Specification

Adhesive Type:	Solvent-based synthetic resin adhesive
Colour:	Light beige
Flashpoint:	-13°C
Coverage:	16-25m <sup>2</sup> per 10 Litre Unit.
Application Temperature:	+15°C – +25°C.
Open Time:	Approx. 15 minutes, depending on temperature, humidity & substrate.
Setting Time:	Set to traffic after approx. 24 hours.
Storage & Shelf Life:	12 months in original, unopened container stored between +10°C and +30°C.
Container Size:	10 Litre metal containers.

### Directions for Use

Before starting work using F.539 Wood Flooring Adhesive, please refer to the section headed "Handling Precautions" and to the separate Safety Data Sheet.

### Preparation

Subfloors must be clean, sound and free from contaminants including adhesive residues, surface hardeners and additives. There should be an effective damp-proof membrane in place. The floor must be level and laitence on concrete must be removed prior to application.

### Preparation cont..

Cementitious surface should have a relative humidity of less than 75%. Unlevelled concrete or cement screeds must be prepared with a levelling compound (water mix type for wood strip, latex type may be used for parquet flooring) - Seek Technical Advice. Underfloor heating should be switched off for 48 hours before and after installing the wood floor, then gradually increased after this period. Preparation should be in accordance with the recommendations of BS 8201 Timber and wood flooring.

### Application

F.539 should be spread evenly over the floor surface with a triangular notched trowel cut 2 mm deep x 6 mm for parquet flooring and 2.7 mm deep x 5 mm for solid and engineered wood strip (for floors that are not smooth the notch size may need to be increased). The adhesive should be spread with a sweeping motion at a 60° angle and the wood placed into the adhesive while still wet. This will be within 10-15 minutes of application.

It should be noted that when laying solid wood planks or engineered parquet in strip form, the use of any boards, which are bowed or in any way distorted should be avoided. On application any obvious lifting caused by board distortion should be addressed by adequate weighting during the setting period. Parquet is usually laid in successive 1 metre bands. The adhesive should be applied to the first 1 metre band and the parquet laid immediately, sufficient pressure should be applied to ensure full contact between board and adhesive. As laying continues, sideways pressure should be applied where necessary to ensure close fitting between successive rows of boarding. An expansion gap of 5 to 8 mm should be allowed at the periphery of the room. The gap will be covered by the skirting board.

### Cleaning

Tools and fresh material spillage may be cleaned using solvent such as acetone. Do not use solvents to clean the skin.

### Health & Safety

Highly flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause dryness or dizziness. Keep away from sources of ignition - NO SMOKING. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. If swallowed seek medical attention and show this container label. Use only in well ventilated areas. Keep container in a well-ventilated place. Dispose of this material and its container to hazardous or special waste collection point. Keep out of reach of children.

This product data sheet is provided for guidance only.

For further information and advice on application, or if in any doubt as to the suitability of the product for the installation, please contact our Technical Department for advice and carry out tests on a small area to establish suitability.

