

## F542 MS Polymer Wood Flooring Adhesive

**High performance, flexible MS Polymer adhesive** for permanently bonding **all types** of **wood flooring**

- **Permanent** elastic **bond**
- **Rapid** Curing
- **Excellent** initial **grab**
- **High** performance **bond**
- **Easy** application
- **Solvent** free & **Low** VOC
- **Suitable** for use with underfloor heating systems

### Description:

F542 MS Polymer Wood Flooring Adhesive is a high performance, flexible, single component, solvent and water-free adhesive for permanent bonding of all types of wood flooring. Compatible with most underfloor heating systems, the advanced polymer adhesive is both safe and clean to use.

### Uses:

F542 is suitable for the permanent bonding of all types of wood flooring including:

Wood blocks, wood mosaic panels, engineered, laminated and solid wood plank/strip flooring to a wide variety of subfloors:

Concrete, cementitious screeds, smoothing compounds, stone, metal, timber, hardboard, plywood, epoxy membranes and anhydrite screeds.

### Specification:

Adhesive Type:	MS Polymer
Colour:	Pale Cream
Flashpoint:	Non-flammable
Coverage:	If applied using a notched trowel as described 16-24m <sup>2</sup> per 16 kg bucket. 10 Linear Metres of 8mm bead per 600ml sausage
Application Temperature:	+10°C - +35°C
Drying Time:	Foot traffic after 6-8 hours, Leave for 24-48 hours before sanding or finishing.
Storage & Shelf Life:	12 months in original, unopened container stored between +5°C and +30°C.
Container Size:	16 kg plastic bucket 600ml Sausages



### Uses continued:

It is suitable for use under warm water underfloor heating systems, where the surface won't exceed 27°C.

If in any doubt as to the suitability of the adhesive for the installation, please contact our Technical Department or carry out suitability tests.

### Directions for Use:

#### IMPORTANT

Before using F542 MS Polymer Wood Flooring Adhesive please refer to the safety guide and data sheet available at [www.floorwise.co.uk](http://www.floorwise.co.uk)

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

- BS 8102 Code of Practice for the protection of buildings against water from the ground.
- BS 8201 Code of Practice for Flooring of timber, timber products and wood-based panel products.

Ensure the wood flooring to be fixed is acclimatised in accordance with the manufacturer's instructions in the environment in which it is to be laid. Always allow expansion gaps around the perimeters and columns to allow natural movement of the wood when bonded. Carefully follow the manufacturers instructions on expansion gaps where you are installing wide expanses of floor, paying particular attention to fixed objects and doorways.

### Preparation:

Subfloors should be sound, clean, dry (<75%RH) and free from rising damp, grease, dust or any other contaminants which will affect adhesion.

Concrete floors and screeds above the damp-proof membrane must be thoroughly dried out. Cementitious surfaces should have a relative humidity of less than 75%RH.

Ensure the sub-floor is level, uneven and irregular surfaces should be leveled using an appropriate Floorwise leveling and smoothing compound.

Underfloor heating should be switched off for 48 hours before and after laying the floorcovering, then gradually increased after this period.

## Preparation continued:

The temperature of the subfloor must be maintained above 10°C throughout the application and drying process.

## Priming:

Very absorbent subfloors should be primed to prevent over absorption of the adhesive.

## Application:

Application and subfloor temperature should not be below 10°C or exceed 35°C. Ensure the MS polymer wood flooring adhesive is brought to room temperature.

Give the adhesive in the bucket a good stir.

Apply an even coat of adhesive to the subfloor, using a spreader or notched Trowel, as described below. Apply only enough adhesive that you can confidently install the wood floor upon within the 20 minutes open time.

Spread evenly over the floor surface with a B3 triangular notched trowel cut 3mm x 6mm. For uneven floors you may need to use a deeper notched trowel. Spread the adhesive with a sweeping motion at 60° angle.

Place the wood into the adhesive whilst still wet, and firmly press down to ensure a good contact. If necessary use heavy objects to hold the wood firmly in position.

## Drying:

The bonded wood can take foot traffic after 6-8 hours.

Leave for 24-48 hours before sanding or finishing.

## Cleaning:

Remove excess adhesive immediately by scraping and then clean using a cloth dampened with white spirit. Cured adhesive will require mechanical removal.

DO NOT USE SOLVENT TO CLEAN THE SKIN

## Safety Guidance:

<b>16kg</b> <b>600ml</b>	<b>F542 MS Polymer Wood Floor Adhesive</b>
	This product is not classified as hazardous.
	Do not ingest KEEP OUT OF REACH OF CHILDREN As an extra precaution, we would still encourage installers to wear protective gloves, protective clothing and eye protection. IF ON SKIN: Wash with plenty of soap and water. Dispose of contents/container in accordance with national regulations. A full materials safety data sheet relating to this product is available at <a href="http://www.floorwise.co.uk">www.floorwise.co.uk</a>
	Label in accordance with (EC) No. 1272/2008

This product data sheet is provided for guidance only. For further information and advice on application, or if any doubt as to the suitability of the product for the installation, please contact our Technical Department.