



Never compromise on quality

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# WOOD-FLEX

## Flexible Ready Mixed Floor Tile Adhesive & Grout

### Description

*A grey acrylic based, ready mixed coarse thixotropic paste, for use as a thin-bed ceramic floor tile adhesive. Conforms to BS 5980 Type 2 Class AA / EN 12004 Type D, Class 2.*

### Uses

**WOOD-FLEX** is suitable for for fixing all types of ceramic floor tiles, including mosaics, porcelain and vitrified tiles in internal locations where slight movement or vibration is likely.

**WOOD-FLEX** is ideal for applications onto timber panels, plywood, as well as tongue and groove floorboards and floating plywood floors. **WOOD-FLEX** also gives excellent flexural strength and water resistance and can be applied to porous masonry surfaces, such as old concrete and sand/cement screeds. It's grey colour makes it a convenient alternative to traditional cement based floor tile grouts, however consideration should be given to the slower drying properties of this product, both as an adhesive and a grout. **WOOD-FLEX** is not suitable for use in external applications, or where the tiled area may be subject to complete water immersion. Note: not suitable for use on chipboard floors.

### Preparation

The substrate must be clean, structurally sound and free from dust, oil, grease and loose flaking coatings. Timber floors must be structurally sound and braced securely enough to support the anticipated traffic load without risk of deflection. Wood based surfaces, plywood, panel boards and tongue & groove floorboards should be dry, sealed on all exposed edges. Ply-boarding should be waterproof rated, 15mm thick and be screw fixed at 150mm centres to provide a stable background. All boards must be level, showing no edge protrusions and be fixed in place with a 0.5 to 1mm gap to avoid expansion stresses between the boards and around the wall perimeters. Masonry based floors must be clean, dry and protected by an effective damp-proof course. Rough or uneven surfaces should be levelled with a suitable floor levelling compound and allowed to dry prior to application of **WOOD-FLEX**.

**Note: Do not use directly on to chipboard floors, these must first be overlaid with ply.**

### Application

Stir the contents of the bucket thoroughly to produce a consistent readily workable paste. Use a flooring grade broad notched trowel (10 x 10mm notch @16mm centres) to give a ribbed bed on the substrate, into which the tiles are firmly bedded with a twist and slide to ensure full contact. The position of the tiles can be adjusted up to 10 minutes after initial fixing. Do not trowel out an area of adhesive greater than can be tiled over within a 10 minute period (about 1m<sup>2</sup>). The final adhesive bed depth should be in the range of 3-5mm. Wipe any residue from tile face with a moist cloth whilst the adhesive is still wet as it is difficult to move when dry. **WOOD-FLEX** should not be applied to damp or impermeable surfaces or when the ambient temperature is persistently below 15°C. Ensure good ventilation to assist drying.

### Drying Time

Final set will occur between 24-72 hours dependant on temperature and humidity.

### Open Time

Open time of the exposed adhesive bed is approx. 20 minutes, dependant on conditions.

### Grouting

Grouting may proceed as soon as the tile bed is sufficiently firm, which depending on conditions can be from 24-72 hours at room temperature. **WOOD-FLEX** when used as a grout, should be applied in small areas at a time (1m<sup>2</sup>). Clean off excess residue from the face of the tile before it has time to dry. Use a lightly dampened cloth to clean the grouted area and allow 24-48 hours for the joints to dry out. **WOOD-FLEX** is suitable for grouting joints up to 10mm wide, however the tiled areas must be kept dry for at least 7 days before exposure to water.

### Coverage

Using a 10mm notched trowel, **WOOD-FLEX** will cover at a rate of approx. 4Kg/m<sup>2</sup> for heavy duty, studded tiles fixed in a solid bed of adhesive.

### Limitations

This product is NOT suitable for use on non-porous surfaces.

### Storage Conditions

12 months in original, unopened containers if stored in dry conditions, out of direct sunlight. Protect from frost.

### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any

containers to a central disposal point in accordance with local regulations.

### Health & Safety

- ◆ Avoid contact with skin and eyes. In case of contact to eyes irrigate thoroughly for 15 minutes with clean running water.
- ◆ May cause sensitisation by skin contact, wash skin with soap and water.
- ◆ Keep out of reach of children.
- ◆ Wear suitable protective clothing, gloves overalls and eye and face protection.

## Specification Summary

Flammability	Non Flammable, waterbased
pH	8.0-9.6
Density	1.75 Kg/ L +/-0.05
Viscosity	Thixotropic Paste
Coverage	approx. 1m <sup>2</sup> per 4Kg
Drying Time	24-72 hours (dependent on conditions)
Open Time	20 minutes

### Container Sizes

<b>Code:</b>	BDTAWF
<b>Size:</b>	15Kg

*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.*

