



# ARDIT TIMBER FLOOR LEVELLER



**DUNLOP ARDIT TIMBER FLOOR LEVELLER is a two part kit containing a latex liquid and cementitious powder. It providing excellent properties of adhesion and flexibility for use prior to the installation of ceramic tiles, carpet, floating floor board and vinyl floor coverings. It is easy to mix and produces a smooth, flat surface. DUNLOP ARDIT TIMBER FLOOR LEVELLER can be laid from a feather edge to 12mm in one application. DUNLOP ARDIT TIMBER FLOOR LEVELLER can be installed indoors only over a number of substrates including timber and concrete. For levelling and smoothing outdoor surfaces, refer to DUNLOP MULTIPURPOSE FLOOR LEVELLER which covers a broad range of outdoor applica-**

## **SURFACE PREPARATION**

All timber floors must be sanded prior to using DUNLOP ARDIT TIMBER FLOOR LEVELLER. Sub-floors must be solid, clean and free of dust, plaster droppings, grease, paint, polish and any loosely adhered or water-softenable material. On absorbent surfaces it is necessary to prime the surface (see priming instructions). Prior to levelling wooden floors, re-nail and firmly fix all loose boards. Where timber floors are sufficiently rigid but are uneven and worn, or where there is differential movement between floor boards, the technique is to pre-level the timber with DUNLOP ARDIT TIMBER FLOOR LEVELLER prior to screw or nail fixing 6mm–12mm thick plywood or fibre-cement sheets to provide a sound and stable base for the new flooring. Subfloor ventilation must be adequate to prevent deterioration and moisture movement.

## **PRIMING**

On absorbent surfaces it is necessary to prime the surface with a brush or broom using the primer inside this kit. Allow the primer to dry before applying the DUNLOP ARDIT TIMBER FLOOR LEVELLER. Note: Only use enough primer to cover the prepared surface in a thin layer.

## **MIXING**

1. Use 12kg of powder with 2.9L of liquid (entire components of each).
2. Ensure the liquid component is mixed by shaking bottle thoroughly. Pour into a clean mixing container and gradually add the powder whilst mixing. Thorough mixing in the shortest possible time is essential to provide a lump free mortar. Always mix the powder into the liquid.
3. The most efficient method of mixing is by using a mixing paddle and a heavy duty electric drill (650rpm). Normal mixing time is 2-3 minutes. Concrete mixers and hand mixing are not suitable methods of mixing.

## **APPLICATION**

### **LEVELLING UP TO 12MM**

1. Pour the mixed DUNLOP ARDIT TIMBER FLOOR LEVELLER mortar onto the prepared subfloor and spread into place using a stand-up spreader or hand trowel. The use of a spiked roller will assist in smoothing the mortar.
2. The DUNLOP ARDIT TIMBER FLOOR LEVELLER is partially self-smoothing, but should any trowel marks persist, the surface may be smoothed with a wet trowel once the

mortar has set, but not fully hardened. This can usually be done after 45 minutes at 23°C.

3. Where rising damp is present in concrete it is recommended that a suitable damp-proof membrane be laid and cured prior to the application of the DUNLOP ARDIT TIMBER FLOOR LEVELLER.

### **LEVELLING 12MM TO 30MM**

1. For thicknesses from 12mm–30mm standard DUNLOP ARDIT TIMBER FLOOR LEVELLER mortar should be mixed with a well washed and dried aggregate in the range of 2–5mm.
2. Mixes with high aggregate content (up to a maximum of 10kg aggregate per kit) may require a finishing layer of standard DUNLOP ARDIT TIMBER FLOOR LEVELLER mortar.
3. If a finishing layer is applied, the base layer should be primed to prevent pinholes and to improve the flow of the finishing layer.
4. The finishing layer should be applied as per instructions for Levelling up to 12mm.

### **DRYING & HARDENING**

Working time of DUNLOP ARDIT TIMBER FLOOR LEVELLER mortar will be approximately 10 minutes at 23°C. The surface can be walked on after approximately 3 hours depending on thickness and temperatures. Ceramic tiles can be installed after 12 hours on a 3mm DUNLOP ARDIT TIMBER FLOOR LEVELLER screed. Use DUNLOP WALL AND FLOOR TILE ADHESIVE or DUNLOP TILE-ALL as ceramic tile adhesives. Allow 24 hours drying time before the installation of carpet and 48 hours before the installation of vinyl. DUNLOP ARDIT TIMBER FLOOR LEVELLER is not a suitable surface for direct stick timber.

Hardening and drying will be extended in cooler conditions and shortened in warmer conditions. Thicker applications will require extended drying times. To ensure proper curing, provide adequate ventilation during mixing, application and for extended periods after installation.

### **COVERAGE**

Approximately 7m<sup>2</sup> per 14.9kg unit (12kg powder, 2.9L liquid) at 1mm bed thickness or 2.3m<sup>2</sup> at 3mm bed thickness.