



LEVELiTe[®]WX

**FIBRE REINFORCED
SELF-LEVELLING SCREED
for over wood applications**

1. TECHNICAL DATA

1.1 DESCRIPTION

LEVELiTe[®]WX Fibre Reinforced self-levelling screed and smoothing compound developed for over wood type applications that sets to 20MPa. It is a free flowing screeding compound that has been specifically formulated for smoothing over wooden and other surfaces prior to the installation of floor coverings.

LEVELiTe[®]WX is suitable for use on sound solid well bound wooden surfaces, cementitious screeds, power-floated concrete surfaces, hardened, well adhered old non-watersoluble adhesive residues that have been ground to remove excess residue, and soundly adhered ceramic and similar surfaces. The applied compound can be walked on after 3 to 4 hours. Floor coverings – such as carpeting, vinyl tiles and sheeting, laminated wood – can typically be installed 24 hours after application.

LEVELiTe[®]WX can be applied in thicknesses from 0,3mm to 10mm in a single application.

Usage rate is 1,4Kg per m²per 1mm thickness.

Once cured **LEVELiTe[®]WX** is resistant to moisture and will not swell or soften when exposed to moisture.

1.2 SURFACE PREPARATION

NOTE: For internal use only due to the inability to control environmental factors such as wind or heat. It is recommended that direct to ground sub-floors be protected from rising damp to prevent dimensional changes in the floor covering (confirm the maximum permissible moisture content that the floor covering or adhesive can tolerate). **LEVELiTe[®]WX** is resistant to rising moisture and should not swell or delaminate if exposed to reasonable moisture. Standard European practice has evolved that when vinyl flooring is to be installed, the substrate is to be sealed with a water based epoxy moisture barrier such as **VAPORiTe[®] +PLUS**, or similar. The surface must be hard, sound, dry and free of dust, dirt and other materials such as grease, oil and paint, waxes and oils.

Plywood and similar boarded surfaces should be securely fitted onto a well-bonded structurally sound substructures, where flexing is kept to a minimum

1.3 PRIMING

BONDiTe[®] primer and bonding agent is an essential component in the priming prior to application of **LEVELiTe[®]WX** over raw uncoated wood and Cementitious surfaces. It acts as a pore sealer which will maintain the flow life and prevent air bubbles rising through the applied **LEVELiTe[®]WX** screed smoothing compound. Accordingly it is necessary to prime all surfaces with **BONDiTe[®]**. With very smooth non-absorbent sub-floors e.g. Sealed wooden floors, epoxy coated water barriers, and ceramic tiles it is essential to apply **iTe SLURRY[®]** to promote better Inter-coat adhesion and/or to lightly grind the surface to promote adhesion. Waxes and oils should be sanded down prior to applying and priming agent

1.4 MIXING

Use 5 Litres of water per 20 kg bag. Do **NOT** over-water. Add the powder to the required amount of clean cool water in a clean mixing container whilst using a +/-600 rpm electric paddle mixed until a lump free screed is produced. This will take approximately 3 to 4 minutes. Stop the mixer and scrape the inside of the mixing vessel to allow any unmixed product to fall onto the paste. Briefly remix the **LEVELiTe[®]WX** and then discharge onto the affected floor.

Mixed **LEVELiTe[®]WX** should be applied within 5 minutes at 20°C. This time is extended at lower temperatures and reduced at higher temperatures.



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1.5 APPLICATION

Pour the mixed **LEVELiTe[®]WX** onto the prepared sub-floor. The mixed mortar will flow out and self-level. Use a suitable notched epoxy rake or spreader to obtain the required thickness; while a long-handled pin leveller/rake with height adjustment will simplify this operation and yield more consistent results. A long handled spiked roller must be used to prevent air blisters from marring the finished surface. **LEVELiTe[®]WX** has excellent self-healing properties which extend for some 30 minutes or longer after the pour, which minimises cold joints and surface irregularities.

1.6 THICKNESS

LEVELiTe[®]WX can be applied at a minimum thickness of 0.3mm to a maximum of 10mm in a single application.

Multiple layers can be applied to the dry previous layer with a **BONDiTe[®]** application on top of the previous application, in order to build up to the required thickness. Contact our technical advisors for detailed information. Bulking-up of the product can be a viable option for significant sub-floor deviations where speed of drying is a factor.

1.7 COVERAGE

Approximately 1.4 kg of **LEVELiTe[®]WX** per 1 mm thickness per m². E.g. one 20kg bag of **LEVELiTe[®]WX** will give enough material to cover approximately 4.7m² at an average thickness of 3mm.

NOTE: The coverage figure is based on a flat level surface. Additional material should be allowed for where the surface is rough or uneven.

1.8 GENERAL

All data given was tested at a room temperature of 20°C and 50% humidity. Please be aware that the technical data may alter if the climatic conditions are in contrast to that in which the product has been tested, either hardening more quickly or setting slower.

1.9 WARRANTY

LEVELiTe[®]F10 is guaranteed to be free of any manufacturing defect.

1.10 WARNING

Do not ingest. Keep away from children and pets. Do not empty into a drain. Wear rubber gloves, and in the event of contamination, rinse thoroughly with cold water. Seek medical advice if irritation or discomfort persists. For further information, consult the relevant health and safety data sheet.

1.11 GREEN BUILDING COUNCIL VOC REQUIREMENTS

LEVELiTe[®]WX contains no Volatile Organic Compounds and therefore is totally compliant with all relevant requirements to be classed as "green." The standard short report, theoretical VOC content declaration and VOC confirmation notice is available on request or can be downloaded from our website - www.iteproducts.co.za.

1.12 IMPORTANT NOTICE

The information supplied in our literature or given by our employees is given in good faith. We reserve the right to update this information at any time without prior notice.