

# WOODPECKER

NATURALLY INSPIRED FLOORING

## TECHNICAL DATA & APPLICATION

# LEVEL-X

Woodpecker Level-X is a flexible, shrinkage-compensated, cement-based, fibre-reinforced self-levelling compound with a free-flowing and rapid-setting formula. It's ideal for levelling rough and uneven subfloors such as timber, bitumen or screeds in preparation for a floor covering.

### TECHNICAL DATA

SCREED CLASSIFICATION	CT-C30-F7 to BS EN 13813; 2002
MATERIAL	Cement
CURING SYSTEM	Chemical curing
CONSISTENCY	Powder
COLOUR	Grey
OPEN TIME AT 20°C	20-30 minutes
SET FOOT TRAFFIC AT 20°C	3 hours
COMPRESSIVE STRENGTH	1 day > 15.0 N/mm <sup>2</sup> (BS EN 13892-2) 7 day > 20.0 28 day > 30.0
FLEXURAL STRENGTH	1 day > 3.0 N/mm <sup>2</sup> (BS EN 13892-2) 7 day > 5.0 28 day > 7.0
FLOW PROPERTIES USING 30mm x 50mm FLOW RING	135mm - 145mm
APPLICATION THICKNESS	2 - 50mm
COVERAGE	20kg will cover 4.2m <sup>2</sup> at 3mm thickness
MINIMUM APPLICATION TEMPERATURE	5°C
SHELF LIFE	Stored correctly the powder component has a shelf life of 6 months
PACK SIZE	20kg
UNDERFLOOR HEATING	Suitable



### USES:

For smoothing screeds and a variety of floor surfaces. The high polymer and fibre formulation makes Level-X the ideal choice for direct foot traffic or light vehicle traffic and can be applied to concrete, asphalt, timber, plywood, underfloor heating, old tiles, terrazzo and natural stone. Due to the strength of formulation, Level-X can be applied to a depth of 50mm in one application. Level-X is the perfect choice when preparing a substrate to lay wooden block, laminate, ceramic tiles, natural stone, vinyl, parquet, cork, carpet or painting as final treatment.

### SURFACE PREPARATION:

Prior to application, ensure the surface is clean, firm, dry, and free from dust, dirt, oil and grease. Remove any loose or flaking layers. The substrate must be strong enough to support the weight of the leveller, adhesive and covering. Sub-floors directly to earth must have a damp-proof membrane.

### APPLICATION:

**CONCRETE:** Allow 30 days drying time for new concrete. Surface must be free of dirt and loose dust particles. Prepare surface by priming with Level-X primer diluted 1 part Level-X primer to 3 parts water.

**UNDERFLOOR HEATING:** The heating unit must be switched off and allowed to cool down prior to application. After the application, heating must NOT be turned on for at least 24 hours. When turned on temperature must be increased slowly on a daily basis.

**TIMBER / PLYWOOD:** Substrates must be fixed firmly with screws at 15cm centres to joists. Prepare the surface by priming with Level-X primer diluted 1 part Level-X primer to 3 parts water.

**SCREED:** Should be left for a minimum of 12 hours until sufficiently dry. Prepare surface by priming with Level-X primer diluted 1 part Level-x primer to 3 parts water.

**LIMITATIONS:** Do not use in areas subject to permanent water immersion.

**RECOMMENDED TOOLS:** Suitable steel trowel, spiked roller, slow speed drill and paddle.

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## MIXING INSTRUCTIONS:

Mix by adding powder to water: approximately 4.5 - 5 litres of water to one 20kg Level-X. We suggest starting at 4.5 litres of water which can be increased to a maximum of 5 litres if necessary. Do not exceed 5 litres of water. Mix with an electric paddle until you obtain a lump free compound similar in consistency to single cream.

When mixed allow to stand for 2 minutes and stir again before application. Use within 25 - 30 minutes. Pour a small quantity onto the prepared surface and trowel down lightly. It will start to cure 1 - 2 hours after application. The successive laying of coverings is possible after drying (12 - 24 hours depending on the ambient temperature and humidity). If you wish to build to a greater depth than 50mm, allow to dry and prime between applications. Setting time will depend on atmospheric temperatures. It will be slowed by lower temperatures and accelerated by higher temperatures. **DO NOT USE BELOW 5°C.** Tools must be cleaned in water thoroughly immediately after use.

**LEVEL-X MUST BE LEFT TO DRY BEFORE APPLYING THE FINAL DECORATIVE SURFACE FLOORING.** This is typically after 24 hours, however, it can vary and can be faster depending on the choice of surface flooring. The critical moisture content for the flooring in question must be observed. The information above is given voluntarily and in good faith. It is to the best of our knowledge and accurate; however it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use, or the possibility of variations of working conditions and of workmanship outside of our control.

Can accept light foot traffic after just 3 hours.

## COVERAGE:

4.8kg will cover 1 m<sup>2</sup> at a depth of 3mm.

## STORAGE:

Store in unopened package, clear of the ground in a cool dry area, protected from excessive draught. Shelf life should be approximately 6 months.

## SPECIFICATION DISCLAIMER

This technical data sheet was written by Woodpecker Flooring and at the time of writing and publication, all information was specified correctly. The company reserves the right to change specification without notice. Customers should confirm that the product is still available with the specification shown.

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