

# STONE FIX

## XP250



## Self Levelling Compound 2-50mm

- Builds up between 2-50mm in one pour
- Pours directly over underfloor heating
- Suitable for nearly all primed substrates including timber floors (chipboard, plywood, floorboards), ceramic tiles, concrete and painted surfaces
- Highly flexible and fibre reinforced
- Sets in 3-4 hours
- Protein free
- Suitable for manual or mechanical (pump) application
- Guaranteed for the life of the sub-base

## STONEFIX

For more details call freephone:  
**0800 234 6424**

# XP250

## DESCRIPTION

STONEFIX XP250 Self Levelling Compound is a free flowing, self smoothing, protein free, floor levelling compound, blended from a mixture of high quality, fibre reinforced, raw materials.

## USES

STONEFIX XP250 Self Levelling Compound can be applied in thicknesses from 2mm to 50mm in a single pour.

It provides an economic means of levelling and renovating existing floors, prior to the installation of floor coverings such as ceramic tiles, natural stone, timber or carpet.

It is particularly effective for encasing underfloor heating systems where its thermal transfer properties enhance the heating application.

STONEFIX XP250 Self Levelling Compound is suitable for use in homes, schools, office buildings, public building, sports halls, department stores and hospitals.

## APPLICATION

For small areas STONEFIX Levelling Compound should be mixed using a slow speed mixing drill and whisk attachment, and poured by hand. For larger areas the use of a mixer pump is recommended.

## SUBSTRATE PREPARATION

Substrates must be hard, sound and free from dust, oil, grease, paint, plaster, laitance or any other contaminant that could prove a barrier to adhesion. Heavily contaminated floors may require special treatment and specific advice should be sought. Generally substrates are best prepared by mechanical methods such as shot blasting, planing or scabbling. The substrate must be vacuum cleaned prior to application of primer.

The substrate must not leach moisture. Anhydrite screeds must not have more than 0.5% residual moisture before being covered. Recently laid cement/sand renders and screeds must be left for two weeks and three weeks respectively before covering. Indoor air and floor slab temperature must exceed +6°C with relative humidity not exceeding 95%.

## PRIMING

Substrates must be primed with STONEFIX Acrylic Primer. Particularly porous or absorbent substrates may require a second coat.

Neither priming nor floor laying should be attempted if the indoor air or floor slab temperature is less than +6°C

## LAYING ON WOODEN FLOORS (INCLUDING TONGUE & GROOVE AND CHIPBOARD)

The timber should be stable and able to carry the weight of the levelling compound and the overlayment. Flooring must not move when stepped upon. Partitions must not flex when pressed by hand. If this is not the case, reinforce the floor with noggins between the joists and replace the boards. Brace unstable partitions.

The surface of the timber should be primed with STONEFIX Acrylic Primer diluted 1:1 with clean water.

## MIXING AND LAYING

No additive is required. Each 25kg bag should be mixed with 5 litres of clean cool water. Mix with a slow speed mixing drill and whisk attachment for approx two to three minutes to remove all air bubbles.

When pumping STONEFIX XP250 Self Levelling Compound check the material flow regularly to ensure the correct consistency of material is being achieved.

## DRYING

Setting and hardening times will vary depending on temperature and ventilation. Setting and hardening times will be shortened at high temperatures and extended at low temperatures.

Adequate ventilation is essential during the drying process but draughts must be eliminated to avoid uneven drying patterns.

Generally STONEFIX XP250 Self Levelling Compound can withstand light foot traffic after two to four hours at 20°C. At 20mm thick and temperature of 20°C the floor will be ready for the finishing covering after 24 hours.

## JOINTS

In accordance with Codes of Practice all isolation joints, construction joints, columns and the like should be isolated to allow both the substrate slab and topping to move freely relative to the fixed part of the building.

Therefore all isolation and construction joints should be made conformable through the topping by disc cutting within 24 hours so as to prevent stress induced cracking caused by building or slab movement.

## YIELD

For every 1mm thickness 1.7kg of dry powder per square metre will be required, i.e. one square meter at 10mm thickness will require 17kg of dry powder.

## TYPICAL PERFORMANCE

### FRESH PROPERTIES:

Pot life 25-30 minutes (temperature dependent)  
Flow Ring Values: 235-230 mm (65mm Ø, 40mm High Flow Ring)  
Zero Plastic Shrinkage

### HARDENED PROPERTIES:

Compressive Strength N/mm<sup>2</sup> (air cured at 20°C)  
1 day - 10.0  
7 days - 35.0  
28 days - 40.0  
Flexural Strength N/mm<sup>2</sup>  
7 days - 3.0  
28 days - 8.0

## PACKAGING & STORAGE

STONEFIX XP250 Self Levelling Compound is supplied in nominal 25kg sacks, palletised and shrink wrapped.

Palletised product should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high.

The product should be used on a first in - first out basis.

Shelf life is six months subject to storage at correct temperature and humidity.

## HEALTH AND SAFETY

See separate data sheet.

## QUALITY CONTROL

All STONEFIX products are factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001 series.

## INFORMATION, PRICES AND ORDERING

Please call 0800 234 6424

# STONEFIX

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