

## **EVERBUILD HI-FLOOR SELF LEVELLING FLOOR COMPOUND**

### **DESCRIPTION**

Everbuild Self Levelling Floor Compound is a cement based product used to level out uneven floors and screeds prior to laying ceramic tiles, thermoplastic tiles, lino, wood block flooring or carpet. Mix with either water or EVERBUILD LATEX ADDITIVE to give a free flowing self levelling topping. When mixed as directed, the compound provides a free flowing mix that sets in 90 minutes and can be overlaid after only 8 hours at normal temperatures.. NOTE: This product is not suitable for use as a final wearing surface.

### **BENEFITS**

- Enhanced flow properties coupled with long open time giving easy trowelling.
- Fast setting - sets in 8 hours.
- Up to 6mm in depth in one coat.
- Protein (casein) free.
- Internal/external use.

### **AREAS FOR USE**

- For levelling uneven subfloors prior to covering/tiling

### **LIMITATIONS**

Always mix with clean fresh water and always-prime floors as directed.

The product will not resist rising damp. In these conditions, use in conjunction with Everprufe D.P.M liquid dampproof membrane as directed.

Never exceed the quantity of water stated. This will dramatically reduce strength and cause cracking.

Do not mix more compound than can be laid in 20 minutes and never try to reconstitute once the product has set.

On substrates where underfloor heating is in place, switch of the heating for 24 hours before and after application.

Do not use this product below 4°C.

In areas where movement is anticipated, always use Everbuild Latex Additive rather than water. NO OTHER MANUFACTURERS PRODUCT MAY BE USED.

As the manufacturer cannot know all the uses its products may be put to, it is the users responsibility to determine suitability for use. If in doubt, contact Technical Services Department.

Note that setting time will be greatly increased when overlaying impervious surfaces and in cold weather.

## **SURFACES/PREPARATION**

### SAND/CEMENT RENDER

Allow at least four weeks drying before application. Dampen floors and prime with EVERBUILD PVA diluted 1:3 with water. Mix with water as detailed below. For surfaces to be subjected to heavy foot traffic, use EVERBUILD LATEX MIX rather than water when mixing the powder.

### TIMBER FLOORS

Suitable for interior floors only. Floors must be securely screwed down at 300mm centres. Apply Everbuild SBR Bond to the floor at a 1:1 dilution. Mix Everbuild Self Levelling Compound with Everbuild SBR Bond diluted 1:1 with water (20kg of powder to 5ltrs of 1:1 liquid mix) and apply to subfloor whilst the bonding coat is still tacky.

### EXISTING VINYL TILES

Ensure tiles are clean and sound. Prime with Everbuild SBR diluted 1:1 with water and apply floor level compound mixed with Latex additive over tiles whilst primer coat is still tacky. Allow 24 hours before applying final covering.

## **APPLICATION**

Floors to be treated must be free from grease, dust and loose particles. Always prepare floors by dampening with water then priming with Everbuild PVA Bond diluted 1 part PVA to 3 parts water to give a sound, slightly damp surface.

20kg of self levelling powder will require 5 litres of water (or 3 parts powder to 1 part water - volume:volume ratio). Always add the powder to water. This should be carried out by stepwise addition whilst stirring until a free flowing creamy compound is produced. Pour the mixture out into the prepared floor and allow it to find its own level. Trowel down lightly to achieve an overall thickness not exceeding 6mm. Where further finishing is required, allow the surface to stiffen, usually  $\frac{3}{4}$  to one hour after application, and lightly sprinkle with water and carefully trowel to produce a smooth appearance. Do not sprinkle excessive water or over trowel at this stage.

Additional layers, each not exceeding 6mm, may be applied to achieve the required depth. Prime with Everbuild PVA Bond diluted 1:3 with water between layers.

For areas where deep depressions occur, (greater than 6mm in depth) blend Everbuild Self -Levelling Compound with dry coarse sand in a 3 to 2 volume ratio and mix with water to form a trowelable patching screed. Use this mixture to raise the depressions to the general level of the remaining floor, allow to dry and prime with Everbuild PVA Bond diluted 1:3 with water before applying this product as directed.

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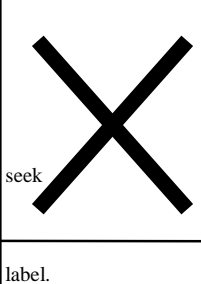
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For areas where heavy loading and/or trafficking are anticipated on the final surface, mix Everbuild Self Levelling Floor Compound with neat Everbuild Latex Additive rather than water. This will improve flexibility, adhesion and durability of the screed. The mixing ratio is again 20kg of powder to 5ltrs of Latex Additive. Again, prime the floor with Everbuild PVA diluted 1:3 with water.

<b>SPECIFIC DATA</b>
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Appearance:	Fine grey powder
S.G (20°C):	1.6 gcm <sup>3</sup> (dry); 2.3 gcm <sup>3</sup> (wet or cured)
Application Temp.	4°C to 35°C.
Service Temp:	-30 to 70°C.
Open time/Pot life	30 mins @20°C
Setting time	8 hours @20°C
Thickness:	0.5mm- 6mm
Storage:	Store at moderate temperatures. PROTECT FROM DAMP
Specification	-
Coverage	20kg covers approximately 5m <sup>2</sup> at 3mm (standard) depth depending on substrate porosity.

<b>HEALTH AND SAFETY</b>
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	<b>EVERBUILD SELF LEVELLING FLOOR COMPOUND</b> Contains Portland Cement
	<ul style="list-style-type: none"><li>. Risk of serious damage to eye.</li><li>. Keep out of reach of children.</li><li>. Do not breathe dust.</li><li>. In case of contact with eyes, rinse immediately with plenty of water and  Medical advice.</li><li>. Wear eye/face protection.</li><li>. If swallowed, seek medical advice immediately and show this container</li></ul>

<b>STORAGE</b>
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Store at moderate temperatures. PROTECT FROM DAMP

<b>SHELF LIFE</b>
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Minimum 12 months when stored according to manufacturers instructions.