

## **Basic Heavy 3000** *Self-Levelling Compound*

### **Product description**

BH 3000 is a cement based, plastic reinforced, self levelling, and pumpable compound with rapid setting effect, hydraulic hardening and crystalline water binding.

Can be used in all types of dry accommodation areas before laying of carpet, vinyl, etc.

### **Surface preparation**

BH 3000 floor levelling must be applied on hard foundations such as concrete or steel, which should be free of dust, grease, oil, dirt, etc. The whole surface of application must be primed with DMS Primer 54.

For use on zinc or aluminum (including anti-corrosion primers containing zinc or aluminum) please contact DMS.

### **Primer**

DMS Primer 54 must be used on steel, concrete and between layers. (See surface preparation above)

### **Mixing**

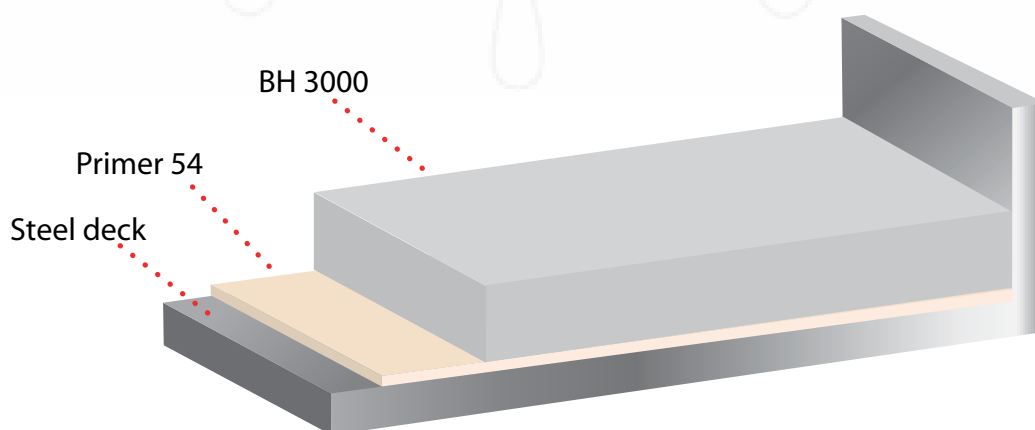
Mix one bag of BH 3000 (25 kg) with approx. 4,5-5 litres of clean cold water and stir vigorously to a smooth, easy flowing mortar.

### **Application**

BH 3000 floor levelling must be applied in a thickness of max. 30 mm. Depending on the working conditions, trowel or spike roller can be used. After application of BH 3000 the compound must be protected against strong, direct heat and sunlight and draught must be avoided. BH 3000 should not be exposed to freezing temperatures (Recommended curing temperatur is min. 5°C).

### **Curing / dehydration**

At +20°C and 85 % relative humidity the compound will cure after 18-24 hours, curing times depend on the thickness of the applied layer, relative humidity and ventilation at the working area. The compound must be fully dry before covering (the moisture has to be < 5 % by weight).



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### **Technical description**

<b>Basis</b>	Cement and synthetic polymer
<b>Colour</b>	Grey
<b>Density</b>	Approx. 1,6 kg/mm/m <sup>2</sup> (applied)
<b>Thickness</b>	2 - 30 mm (per layer)
<b>Mixing ratio</b>	19-21% water
<b>Pot life</b>	Approx. 15-20 minutes at 20°C and 85 % RH
<b>Curing time</b>	Setting time for walking, approx. 1-3 hours. Ready for covering after 18 - 24 hours at 20°C in a maximum of 8 mm thickness
<b>Flow ability after SS 923519</b>	155-160 mm
<b>Recommended application temperature</b>	Between +5°C and +35°C
<b>Bending tear strength EN 13892-2</b>	9,8 MPa
<b>Compression strength EN 13892-2</b>	33,6 MPa

### **Packaging**

- 25 kg bags (42 bags per pallet)
- Loose in bulk

### **Cleaning**

Use water to clean the tools before the compound is cured.

### **Shelf-life**

The shelf-life is min. 12 months in unopened packaging.

### **Storage**

In dry conditions, do not expose to moisture and freezing temperature.

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*For additional technical information, please contact our technical department.*