

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. Anti-corrosion treated steel layer, aluminum and zinc to be pre-treated with Shop primer. When surfaces have been treated with a two-component epoxy-iron oxide primer, the DMS primer 54 can be used.

Primer

DMS primer 54 must be used on steel, concrete and between layers.

Mixing

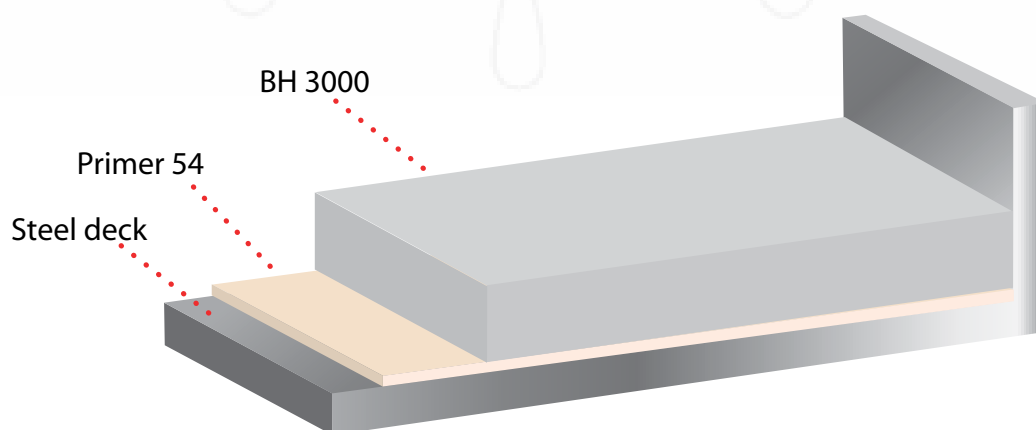
Mix one bag of BH 3000 (25 kg) with approx. 4,5-5 litres of clean cold water and stir vigorously to a smooth, easy flowing mortar.

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 65 % 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

Basis	Cement and synthetic polymer
Colour	Grey
Density	Approx. 1,6 kg/mm/m ² (applied)
Thickness	2 - 30 mm (per layer)
Mixing ratio	19-21% water
Pot life	Approx. 15-20 minutes at 20°C and 65 % RH
Curing time	Setting time for walking, approx. 3-4 hours. Ready for covering after 18 - 24 hours at 20°C in a maximum of 8 mm thickness
Flow ability after SS 923519	155-160 mm
Recommended application temperature	Between +5°C and +35°C
Bending tear strength EN 13892-2	9,8 MPa
Compression strength EN 13892-2	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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