

Basic Heavy 2500 *Self-Levelling Compound*

Product description

BH 2500 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.

Only to be used as levelling of ship decks before laying of carpet, vinyl, etc.

Note: Not to be used as toplayer on floating floors and as a part of a sound reduction system.

Surface preparation

BH 2500 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

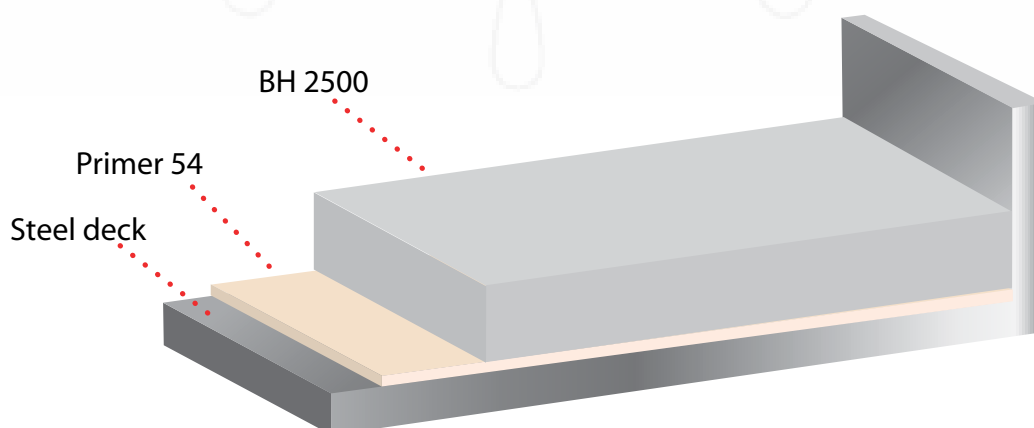
Mix one bag of BH 2500 (25 kg / 55,12 lb) with approx. 4,7-5 litres (152-160 oz) of clean cold water and stir vigorously to a smooth, easy flowing mortar.

Application

BH 2500 floor levelling must be applied in a thickness of max. 30 mm (1"). Depending on the working conditions, trowel or spike roller can be used. After application of BH 2500 the compound must be protected against strong, direct heat and sunlight and draught must be avoided. BH 2500 should not be exposed to freezing temperatures (Recommended curing temperatur is min. 5°C (41°F)).

Curing / dehydration

At +20°C (68°F) and 85 % relative humidity the compound will cure after 24-36 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. 1,8 kg/mm/m ² (9,36 lb/inch/ ft ²) (applied)
Coverage per bag of 25 kg (55,12 lb)	1 mm (0,04 in) thickness = 13,8 m ² (5,9 ft ² @ 1" thick)
Thickness	2 - 30 mm (0,08 - 1,18 in) (per layer)
Mixing ratio	19-20% (152-160 oz) water
Pot life	Approx. 15 minutes at 20°C (68°F) and 85 % RH
Curing time	Setting time for walking, approx. 1-3 hours. Ready for covering after 24-36 hours at 20°C (68°F) in a maximum of 8 mm (1/3") thickness
Flow ability after SS 923519	150-155 mm (5,9-6,1 in)
Recommended application temperature	Between +5°C and +35°C (41°F and 95°F)
Bending tear strength EN 13892-2	6,0 MPa (870 psi)
Compression strength EN 13892-2	26,9 MPa (3901 psi)

Packaging

- 25 kg (55,12 lb) bags (42 bags per pallet)

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.