

Basic Light 2000 *Lightweight Self-Levelling Compound*

Product description

BL 2000 is a lightweight cement based, plastic reinforced, self levelling, and pumpable compound. Can be used in all types of dry accommodation areas before laying of carpet, vinyl, etc.

Surface preparation

BL 2000 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

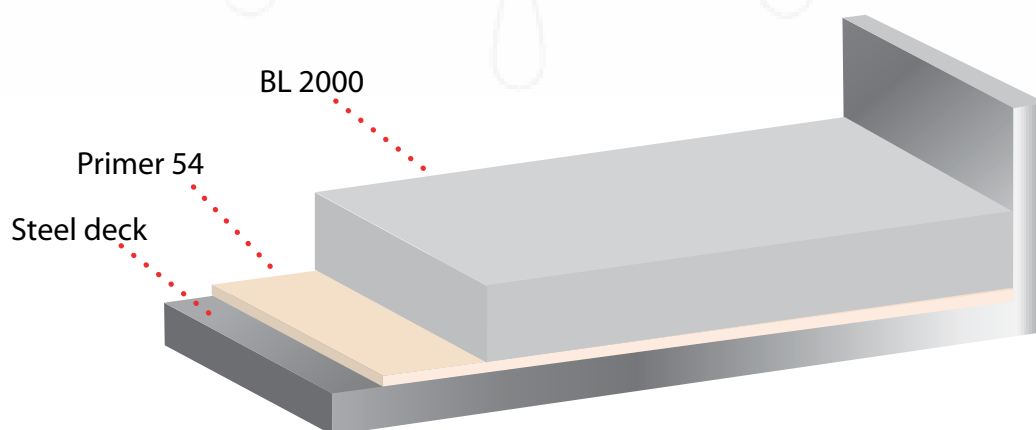
Mix one bag of BL 2000 (13 kg) with a maximum of 5,4 litres of clean cold water and stir vigorously to a smooth, easy flowing mortar.

Application

BL 2000 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 BL 2000 the compound must be protected against strong, direct heat and sunlight and draught must be avoided. BL 2000 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. 0,9 kg/mm/m ² (4,68 lb/inch/ ft²) (applied)
Coverage per bag of 18 kg (39,68 lb)	1 mm (0,04 in) thickness = 20 m² (8,5 ft² @ 1" thick)
Thickness	1 - 30 mm (0,04 - 1,18 in) (per layer)
Mixing ratio	Approx. 41% water
Pot life	Approx. 30 minutes at 20°C (68°F) and 85 % RH
Curing time	Setting time for walking, 3-4 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	130 mm (5,12 in)
Recommended application temperature	Between +5°C and +35°C (41°F and 95°F)
Bending tear strength EN 13892-2	5,7 MPa (827 psi)
Compression strength EN 13892-2	18,4 MPa (2668 psi)

Packaging

- 13 kg bags (50 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.