

Basic Screed 3010

Water Resistant Screed Compound - Fast Curing

Product description

BS 3010 is a water resistant cement based, plastic reinforced screed compound. BS 3010 is for levelling of all types of sub-floor incl. making of slopes and inclination for shower cubicles, galleys, abattoir floors etc. For use in all types of dry and wet accommodation areas. (In wet areas to be used together with a water membrane).

Surface preparation

BS 3010 screed compound 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

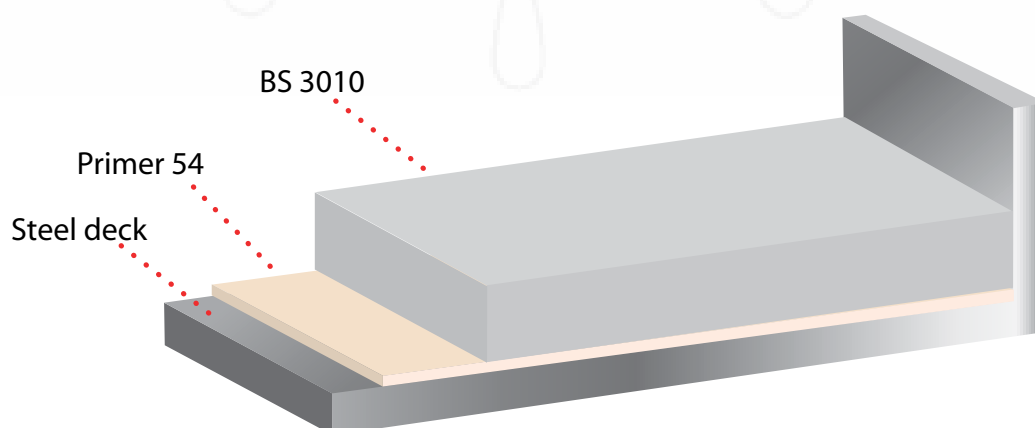
Mix one bag of BS 3010 (25 kg / 55,12 lb) with approx. 2,7 -3 litres (90-100 oz) of clean cold water and stir vigorously to a smooth compound.

Application

BS 3010 screed compound must be applied in a thickness of max. 50 mm (2") (per layer). After application of BS 3010 the compound must be protected against strong, direct heat and sunlight and draught must be avoided. BS 3010 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 approx. 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. 1,6 kg/mm/m ² (8,31 lb/inch/ ft ²) (applied)
Coverage per bag of 25 kg (55,12 lb)	1 mm (0,04 in) thickness = 15,6 m ² (6,6 ft ² @ 1" thick)
Thickness	10-50 mm (0,4 - 2,0 in) (per layer)
Mixing ratio	Approx. 12% (90-100 oz) water
Pot life	Approx. 15-20 minutes at 20°C (68°F) and 85 % RH
Curing time	Setting time for walking, approx. 3-4 hours. Ready for covering after 24-36 hours at 20°C (68°F) depending on thickness
Recommended application temperature	Between +5°C and +35°C (41°F and 95°F)
Bending tear strength EN 13892-2	8,2 MPa (1,189 psi)
Compression strength EN 13892-2	34,0 MPa (4,931 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.