



TARDIS MANUFACTURING CC t/a

Advanced Cement

Manufacturers of elegant cemented wall & floor concepts

Floorcote Coloured Overlay

Floorcote is a cement-based polymer supported system which can be applied on a wood floated screed, over existing tiles or on power floated concrete. This product is also more commonly referred to as “grano flooring”.

The product is widely used internally or externally to achieve a mottled look and can be adjusted on texture, appearance and colour contrast to achieve the required effect in a specified environment.

Floorcote is a cementitious floor coating specifically developed to achieve a soft mottled natural appearance. As it is a seamless coating the overall appearance lends itself to create a spacious feel to an area. Floorcote is trowel applied, floated and steel trowel finished to achieve a hardwearing smooth surface sealed with 2KPU sealer, which is UV stable and resistant to oils and most solvents. Treatment and maintenance of Floorcote is done in the same manner as natural or porcelain tiles.

Specification

Hardness – 35 to 45 MPA

Thickness – 3 – 5 mm thickness applied.

Guarantee

Floorcote is guaranteed against flaking and delamination from the surface for a period of 1 year. No liability will be taken on failing underlying surfaces or rising damp. Therefore a site inspection is necessary to assess the substrate. Mechanical damage and general wear and tear on surfaces are excluded.

Requirements on application surfaces

A clean, dust and oil free wood floated 20 MPA (minimum) screed is required to apply Floorcote. The screed needs to be sound and crack free and good adhesion to the concrete underlying slab needs to be ensured when installed. It is advisable to use Ordinary Portland cement 42,5 Cem 1 or Cem 2 for screeding purposes. Where it is done over tiles the necessary preparation needs to be done. Grinding of top layer, laying of mesh and slurry as well as waterproofing.

Preparation

Remove all old loose materials and repair cracks. Apply a primer of CEMKEY to all areas to be done. Apply next coats while cemkey is still tacky.

Slush Primer: With a blockbrush, apply a slush primer coat consisting of 10 litres Cemkey mixed with one bag of Floor Preparation Compound.

Reg Nr: 2014/197853/07	Vat Nr: Pending
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On rougher areas and over underfloor heating it is advised to apply a membrane and Floor Preparation Compound to avoid ghosting of grout lines. Use Floor Preparation Compound to fix levels and holes in substrate before applying Floorcote. Mix one SL Liquid 5 litres per bag of floor preparation compound and apply to

Mixing instructions for Floorcote

Pour 5 litres of SL Liquid into a bucket. Stir in a small bag of Pigmented Powder (1kg or 500g) depending on the colour desired. Slowly mix in 1 bag of Floorcote Light Base (25kg) into the liquid while stirring vigorously. Add SL Liquid until the mix is the right consistency.

Application method

Apply material with a steel trowel 2 – 4 mm thick depending on the straightness and texture of the surface. Let the material reach initial setting (Rule of thumb: if one can walk on it without sinking in, one can float). A good way to ensure spreadrate is to measure out 5 square metres and spread a bag's mix on that area. Before the material dries out wet the steel trowel (not excessive) and finish the surface by rubbing with a wood/plastic float and smoothing it with a steel trowel. Work from top to bottom to avoid watermarks occurring on finished sections.

Sealing of Floor

Remove any dust and let dry for at least 2 days. Apply a thinned coat of 2k-Prime Sealer (4 litres Part A to 1 litre part B to 1 litre Xylene). Apply two more coats of undiluted Twin-Pack Topcoat Polyurethane when the floor is dry, within 24 hours. Sand floor lightly between coats if necessary. Maintain the floor using Floor Revive or a normal floor and tile cleaner and/or polish (Cobra).

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