

Description

A granolithic concrete material that strengthens and colours concrete floors. It is a special blend of cement, very hard-wearing aggregates, lime fast pigments and certain additives which set rock-hard, have exceptional abrasion resistance and reduces drying shrinkage.

Purpose

To provide a very hard-wearing, attractive colouring system for the surface of concrete, whether steel floated to a smooth finish or textured, stamped or rolled to obtain different tiled or paved effects.

Types

One type only, but used in conjunction with Cemcrete Coloured Release Agent in contrasting colours if to be imprinted with a design.

Advantages

Improved abrasive resistance. Thoroughly colours concrete to a depth of about 2mm. No risk of colour being rubbed off or abraded. No need to repaint. Colours are light and alkali proof.

Applications

Recommended for dusting onto wet concrete or topping when laid prior to floating and/or imprinting. More than one colour can be used, depending on the effect desired.

SITE WORK

Storage

Unopened bags can be stored on slats in a dry shed for 6 months.

Surface Preparation

Remove all bleed water. Apply Colour Hardener to wet concrete or topping before final set has taken place. Refer to Screed Data Sheet for correct mixes.

Weather

Do not apply if rain or freezing conditions are expected within 4 hours of application. Cover during hot, dry weather to avoid premature drying which will halt the hydration process of the cement and reduce the ultimate strength.

Mixing

Use in dry powder form for dusting onto concrete or screed surface before final wood- and steel floating takes place.

Masking

Mask all areas where there is a risk of splashing and staining and where straight edges are required.

Application

Surface to be damp, but not glistening with water. Surface can be dewatered by vacuum prior to application. Apply by dry shake hand method at the rate of about 2 to 5kg/ m² by dusting directly onto surface and float to obtain an even colour. For best results apply in two operations; the first with about 60% of the Colour Hardener required and, once floated, the balance where necessary. Finish with a mechanical or hand held steel float to a smooth finish.

Imprinting

Dust Coloured Release Agent onto smooth finish being sure to cover the whole surface to prevent the mould from sticking to wet concrete. More than one colour can be used for different effects. Imprint as desired. Leave to harden for approximately 72 hours, clean off excess Coloured Release Agent by sweeping with a soft broom and then wash with a high-pressure hose.

Curing

Leave to air cure for 1 day after completion. Damp down with water twice daily for 7 days. This hardening period is to avoid premature drying of the concrete which will reduce the final strength. Allow to cure for a minimum of 14 days before sealing.

Sealing

Exterior floors : apply 2 coats of Cemcrete Colour Hardener Sealer or Cemcrete Concrete Sealer in accordance with its data sheet.

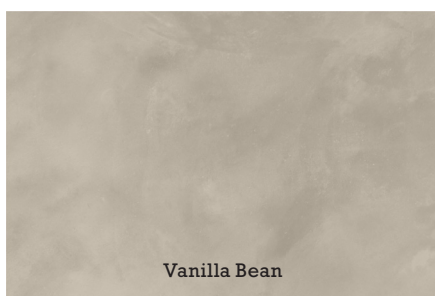
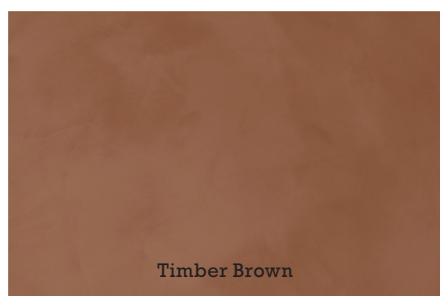
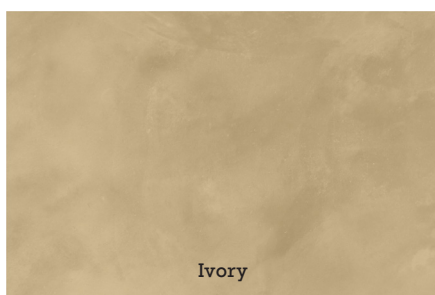
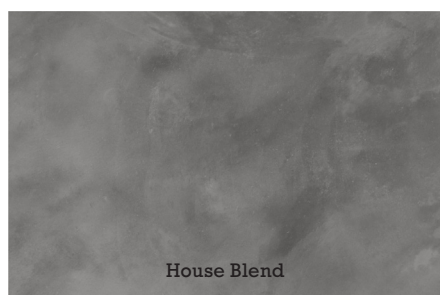
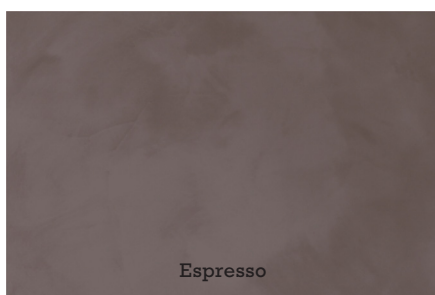
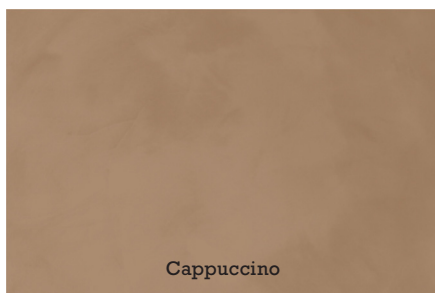
Coverage

Approximately 2 to 5kg/m²; depending on colour.

Packaging

Supplied in 20kg non-returnable paper bags.

Note: The information presented is intended guide only and is correct to the best of our knowledge at the time of publication. It should not be considered as a definitive approval for suitability for a particular purpose. Please contact the manufacturer, distributor or approved applicator for confirmation of suitability. Ancillary detailing recommendations are provided in good faith to assist in achieving final waterproof result. We accept no liability for those recommendations or those products performance in use.



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