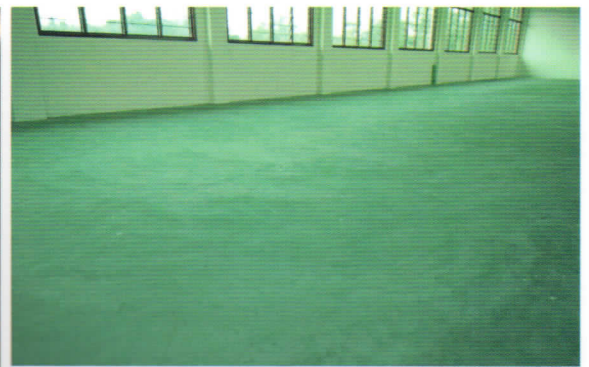




KG Coloured Cement

More Colour Choices



KG Coloured Cement is an improved version of traditional coloured cements. The cement is formulated with additives that improve workability, reduces drying shrinkage cracks and sets to a rock hard surface. Available in wide range of colours, bright colours and natural colours that give designers and owners greater options in natural colour flooring finishing.

Product Description

KG Coloured Cement is formulated for use on flooring finishes and other applications. It is a blended cement with added additives. Suitable for use both internally and externally.

Typical Applications

- Colour cement floors
- Cement for terrazzo floors
- Foot path
- Landscaping
- Badminton court, basketball court, tennis court

Benefits

- Colour fast (high quality inorganic pigment)
- Good workability and easy application
- Water resistant
- Durable
- Minimize cement efflorescence
- Minimal risk of hairline cracking
- More colour choices, 14 standard bright and natural colour . Special colours can be made on request.

Technical data

Colours	12 standard colours
Dry bulk density EN 1015-6	1,050 to 1200 kg/m ³
Application Thickness	1-2 mm
Coverage	Approx. 2.0 kg/m ² (2mm thick)
Adhesion Strength EN1015-11	>1.5.0 N/mm ²
Compressive strength EN 197-1	>20 N/mm ²
Water demand	35% (Slurry method)
Pot life	2 hours
Shelf life	6 months if product is unopen and store in dry condition
Packing	20 kg per bag

Product Safety

Please refer to KG -Mix Material Safety Data Sheet.

This product is a cement based product and may caused skin irritation. Avoid contact with skin by wearing suitable clothing and gloves. In the event of contact with skin, wash with clean water to minimise possible irritation. If any material gets into the eyes, wash immediately and repeatedly with eyewash or clean water . If irritation persist seek medical treatment.

Colour Concrete floor application

There are two traditional ways of applying colour cement on flooring:

1. Mixing of a slurry to be troweled on to a touch dry concrete floor.
2. Dry shake, powder on the cement to a freshly screeded concrete.

The slurry method



Let the fresh concrete or floor screed harden up to touch dry condition. Usually 2-4 hours dependent on climatic conditions.



Mix the KG Colour Cement slurry with approximately 35% water using an electric stirrer. Pour the slurry to the substrate.



Spread the slurry with steel trowel to an even surface. Usually minimum two coats are needed.

Dry shake



After initial setting when concrete / screed is still soft the colour cement can be added.



Powder the dry KG Colour Cement powder on to the fresh concrete or floor screed. Sprinkle about two thirds of the needed powder for the surface in the first layer.



Let the colour cement absorb the water from the substrate for a short while, then float the surface thoroughly. When completed 1'st coat sprinkle the remaining cement for the 2'nd coat and float it. If needed add a bit of water to the surface.

Curing

KG Colour Cement is formulated to minimize drying shrinkage so under normal circumstances no curing protection is needed. However if applied in direct sunlight, hot and/or dry conditions it is recommended to keep the floor moist for minimum 3 days after application. Curing compound is recommended under such circumstances. Do not turn on air condition or use fans for drying out the flooring.

Hardening

To make the surface harder and more scratch resistant as well as sealing the surface to prevent staining it is recommended to treat the colour cement surface with KG Liquid Hardener LD10 in one or two coats.

Colour variations

Colour Cement is a natural material where colour inconsistency is expected and part of the natural look. Efflorescence is a naturally appearing on cement based product and can be expected to occur on coloured cement floors. To minimize efflorescence KG Cure can be applied on the freshly applied floor, just after the surface has turned touch dry.

Colour Chart

Basic Colours :



Eco Grey
BB300



Eco Red
BR222



Eco Green
BG111

Vibrant Colour Series :



Apple Green
VG100



Bright Red
VBR200



Orange
VY830



Yellow
VY800



Graphite
VB320



Blue
VB330

Natural Colour Series :



Brick Red
NR210



Terracotta
NR220



Pearl White
NW100



Desert Red
NR240



Hazel Nut
NR250



Sand
NY810



Light Grey
NB310



Beige
BY820



Note: Colour variation of the product is expected and accepted due to the ingredient used.

Manufacturer :

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Disclaimer :

All information contain herein is only intended to give a fair description of the products and their capabilities under such specific testing conditions. However, it does not constitute an offer of warranty nor a guarantee of its accuracy and completeness in describing the performance and suitability of the varies products.