

Technical Data - Colourmix

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PRODUCT DESCRIPTION

HATCRETE Colourmix is an admixture which integrally colours new concrete. It can be used in pre-cast or cast in-situ applications and can be colour matched to blend in or complement the surrounding natural landscape. **HATCRETE Colourmix** widely extends the otherwise very limiting aspects of ordinary grey concrete and is used wherever an integral colour is needed. Freshly placed concrete may be trowelled to a smooth finish or given a variety of textures. Removing the top surface can reveal a decorative exposed aggregate finish. **HATCRETE Colourmix** is stable in the presence of lime and sunlight and contains no chlorides.

MAIN FEATURES

- Ready to use accurate dosage
- Available in 24 standard colours
- Custom colours made to order
- Packaged in water-soluble bags
- Colour consistency guaranteed
- Quality assured under BS EN ISO 9001
- Pigments used conform to BS EN 128 78: 2014
- Minimal wash down requirements

AVAILABILITY

HATCRETE Colourmix is manufactured to order, usually within 5 working days against each customer's individual specification. Custom made colour options can normally be manufactured within 5 working days of approved colour match.

COLOUR CHART

Reference to the **HATCRETE Colourmix** colour chart shows the 24 standard colours depicting a smooth trowelled surface. An "average" grey CEM1 (Portland Cement) has been used in a typical midrange cement content mix, giving muted earthy tones. Different textures and finishes result in variations of shades. Brighter versions can be obtained by the addition of ggbs cement replacement, the brightness increasing with the ggbs content. For absolute purity of colour, White CEM1 can be used. In all cases it is advisable to carry out trial mixes and prepare sample panels using the mixes, materials and methods envisaged for the final project, before work commences.

STORAGE

Bags should be stored off the floor, unopened in a dry environment. Shelf life is normally 12 months if stored as recommended.

COVERAGE

HATCRETE Colourmix is precisely factory pre-weighed to colour condition the particular mix design specification. Standard and custom colours are packaged in bags sufficient to colour 1 cubic metre of concrete.

PACKAGING

HATCRETE Colourmix is supplied triple packed in a water soluble bag within a plastic bag and a tough woven polypropylene bag. This provides a highly accurate addition rate as the whole **INNER** bag is discharged into the mixer with the concrete. It is important that bags are opened correctly at the top as directed on the packaging to ensure no damage to the inner soluble bag.

CONCRETE

The mix must primarily be designed to fully satisfy the specific performance requirements in service. All aggregates must be non-reactive and mix water kept to the minimum required for the satisfactory placement and finishing of the concrete.

METHOD OF USE

The mixing drum must be clean and free from any previous mix 'buildup' or any other material. **HATCRETE Colourmix** is usually added at the rate of 1 bag per cubic metre and must be used as indicated on the packaging. It is essential that the cementitious components are accurately weighed and are the same as quoted on the **HATCRETE Colourmix** bag. To maintain batch to batch colour uniformity the specified mix design must be adhered to and sources of all materials must remain constant throughout the project. Any changes, particularly of the cement (and cement extender if used), water content and to a lesser extent the fine aggregate, will affect the end result. As with accepted good concrete practice, the properties of the constituent materials, including aggregate gradings, should remain consistent. For absolute colour uniformity from batch to batch, identical amounts of all the ingredients must be maintained and the slump kept under tight control.

HEALTH AND SAFETY

Care must be taken when handling, storing and using **HATCRETE Colourmix**. Before using **HATCRETE Colourmix** please read Safety Data Sheet available from HATCRETE.

TECHNICAL SERVICES

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WARRANTY

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