

HATCRETE

Adcolour

A colouring additive for cementitious materials.

C1/SfB



TECHNICAL DATA

TD27

COLOUR TECHNOLOGY FOR CONCRETE

DESCRIPTION

HATCRETE® Adcolour is a colouring additive for cementitious materials. It provides uniform streak free colour with minimal wash down of mixing equipment. HATCRETE® Adcolour is stable in the presence of lime and sunlight and contains no chlorides. The product is available in 24 standard colours and custom colours are available to order. All the pigments used in the manufacture of HATCRETE® Adcolour are UV fast, durable and conform to BS EN 128 78: 1999.

PACKAGING

HATCRETE® Adcolour is normally supplied in 20kg bags and dosage rates are typically 1% to 3% based on the cement content.

DOSAGE RATES

- **Group 1 Colours** 1% of the cement content
- **Group 2 Colours** 2% of the cement content
- **Group 3 Colours** 3% of the cement content
- **Gabbro** 3% of the cement content
- **Everglade** 2% of the cement content

HATCRETE® Adcolour is ideally suited to pre-cast work.

STORAGE

Bags should be stored off the ground, unopened, in a dry environment.

APPLICATION

HATCRETE® Adcolour is normally added to the batch mixer and should be used in mixes that contain non-reactive aggregates. To achieve best results ensure that all ingredients and working practices remain constant. Adcolour should ideally be added to the mixer when half the contents are batched. Never add to a totally empty mixer. Adequate mixing time should be allowed for the product to integrate but this should be no longer than normal. To achieve brighter colours use white cement.

HANDLING, PLACING AND COMPACTION

Concrete treated with HATCRETE® Adcolour should be utilised in the same way as high quality architectural concrete. The principles of good concrete practice must be maintained at every stage. The placing of coloured concrete in temperatures below 5°C should be avoided at all times.

CURING AND FINISHING

To reduce the risk of early age plastic shrinkage cracking due to rapid drying, the concrete should be cured using HATCRETE® Cureseal in a matching colour. This will also minimise the likelihood of efflorescence. Please refer to Technical Data Sheet TD14 for further details. Accepted methods of curing ordinary uncoloured concrete including damp Hessian, sand, plastic sheeting or ponding **MUST NOT BE USED** as these may affect the final colour uniformity of the concrete.

HEALTH AND SAFETY

Care must be taken when handling, storing and using HATCRETE® Adcolour. Before using HATCRETE® Adcolour please read Safety Data Sheet SD27 available from PICS Ltd.

PICS Ltd quality system is approved by the BSI and conforms to BS EN ISO 9001. This applies to the manufacture and supply of all PICS Ltd products.

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