

# Ha-Be Color

Liquid colours acc. to EN 12878 for colouring concrete

## FIELDS OF APPLICATION

Ha-Be Color are iron oxide-based pigment slurries for colouring cement-, and lime-bound construction materials. The high-quality liquid colours are available in various shades of the colours yellow, orange, red, brown and anthracite.

The ready-to-use slurries tint the concrete structure homogeneously and allow an easy pigment distribution within the concrete mixture. This process provides an even and reproducible colour scheme with intense colour brilliance.

Ha-Be Color and are especially used in the production of paving stones, palisades, noise protection walls, precast concrete parts and all other cement-bound construction elements.

## DOSAGE

Recommended dosage 4 - 8 mass-% of the binder content

## WORKING PRINCIPLE

Ha-Be Color slurries are produced in a special dispersing process which provides an optimal pigment spread within the slurry and leads to a homogenous and intense concrete colouring.

Ha-Be Color slurries are weather-proof, UV-stable and widely resistant to chemical loads.

## TECHNICAL DATA

Homogeneity	homogenous, agitate or circulate before use.
Colour	see colour chart or sample
State	liquid
Density*	1.45 – 2.00 g/cm <sup>3</sup>
pH-value**	5 -11
Workability	from +1 °C
Shelf life	approx. 6 month from date of production if stored properly.
Storage conditions	Store under cover, out of direct sunlight and protect from extremes of temperature

\*10 g pigment dissolved in 100 g water | depends on shade

\*\* depends on shade

## PROCESSING INDICATIONS

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Ha-Be Color should be homogenised using any suitable method. Agitation or circulation is recommended before the product is firstly used and after an undisturbed period of time.

Ha-Be Color should be added to the dry sand/gravel mixture before cement and water are added.

The dry mixing time of approximately 25 - 40 seconds should be maintained.

**Note: Changes in cement sort, water/cement ratio etc. might lead to colour variations in concrete.**

This product is not classified as hazardous according to the CLP regulations. See safety data sheet for further information.

## PACKAGING

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- 30 l can
- 200 l barrel
- 1000 l container

## FROST PROTECTION

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Upon request, we deliver the Ha-Be Color slurries with an additional antifreeze additive. The slurry is frost resistant up to approximately -8 °C.

## REMARKS

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This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication are neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

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**SUITABILITY- AND PRELIMINARY TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE COLOR!**