

## CROMOBETON HD

### Concrete coloring additive

#### Description and characteristics

CROMOBETON HD is a premium liquid colorant specifically designed for all types of concrete, including Ultra-High-Performance Concrete (UHPC) and Self-Compacting Concrete (SCC). Its advanced formulation makes it ideal for a wide range of applications, such as flooring, precast walls, concrete products, and colored ready-mix concrete. The innovative formula of CROMOBETON HD is based on a dispersion of inorganic pigments in a specialized suspension, ensuring exceptional homogeneity. This guarantees vibrant, consistent, and uniform coloring throughout the concrete mixture, while providing outstanding resistance to weathering and UV rays—preserving the quality and appearance over time. Compared to powder or granular pigments, CROMOBETON HD delivers numerous advantages. It enhances workplace hygiene by minimizing dust and residues, ensures precise dosing for accurate color consistency, and simplifies mixing operations. By choosing CROMOBETON HD, you achieve not only superior color performance but also a safer, cleaner, and more controlled user experience, setting a new standard for excellence in concrete coloring.

#### Technical data

Color	Code	Density kg/dm <sup>3</sup>
RED	R 10	1,80
RED	R 20	1,80
RED	R 30	1,90
BLACK	S 50	1,45
BLACK	S 80	1,40
BLACK	C 95	1,50
BROWN	B 05	1,78
BROWN	B 32	1,81
BROWN	B 55	1,78
BROWN	B 610	1,85
BROWN	B 63	1,81
BROWN	B 86	1,75
YELLOW	G 21	1,50
YELLOW	G 552	1,67
ORANGE	O 60	1,61
GREEN	GR 35	1,90
BLUE	BL 95	1,60
WHITE	W 800	1,60

## Dosage recommendation

Use 4–6% of CROMOBETON HD based on the weight of the cement.

## Application

Before use, always shake CROMOBETON HD thoroughly to ensure optimal performance. The product can be added using either an automatic or manual dosing system, applied directly onto the aggregates. Begin by performing an initial mix for 30–45 seconds to achieve even color distribution. Next, add cement, water, and any additional admixtures. Mix the entire batch for at least 3 minutes to ensure uniformity. Please note that mixing times may vary depending on the materials used (e.g., type and quality of cement) and the type of mixer employed. The final color tone of the concrete can be influenced by several factors, including the type and quality of cement, the water-cement ratio, and the source of the materials. To achieve the desired shade and determine the optimal dosage, it is essential to conduct preliminary tests before full-scale production. It is also important to note that efflorescence, a natural phenomenon involving superficial deposits of calcium carbonate, may occur on concrete surfaces. While more noticeable on colored surfaces compared to neutral ones, efflorescence is an inherent characteristic of concrete and does not indicate a defect in the color itself.

## Supply

CROMOBETON HD is supplied in:

- 1 kg bottles
- 25 kg cans
- 200 kg drums
- 1000 kg IBCs

## Storage

Shelf life 12 months. It is important to shake/stir the product periodically. Store in a closed place, protect from frost.

## Safety and disposal

The product complies with European safety regulations. It is recommended to protect skin and eyes during use. For detailed information, consult the Safety Data Sheet. Avoid dispersion in the environment and dispose of residues and packaging in accordance with local regulations.

January 2025 Edition. This technical sheet deletes and replaces all previous versions concerning the same product. The information provided herein serves as a guide for the proper handling and application of the material, based on our extensive knowledge and experience. However, as the conditions of use are beyond our direct control, we strongly recommend conducting preliminary tests tailored to each specific application to ensure the desired results are achieved.