

PRODUCT DATA SHEET

SikaCem® Color

COLOURING AGENT FOR CONCRETE, MORTARS AND RENDERINGS



DESCRIPTION

SikaCem® Color is a colouring agent in powder form based on mineral oxides.

USES

For colouring concrete and cementitious mortars:

- Topcoats, smoothing mortars
- Mortars used in jointing
- Slabs and concrete panels
- Renders and screeds

For colouring lime/gypsum based renders or plasters.

CHARACTERISTICS / ADVANTAGES

- Synthetic colouring agent based on mineral oxides
- Good UV stability
- Does not influence the curing time
- Compatible with other SikaCem® products

APPROVALS / CERTIFICATES

CE-marking and Declaration of Performance as Pigments for coloring of building elements based on cement and/ or lime according to EN 12878:2014, based on certificate of factory production control issued by notified factory production control certification body and type testing.

PRODUCT INFORMATION

Chemical base	Mineral oxides																
Packaging	A box containing 6 x 1.5 litre plastic canisters																
	<table border="1"> <thead> <tr> <th>Colour</th> <th>Canister weight</th> </tr> </thead> <tbody> <tr> <td>Yellow</td> <td>400 g</td> </tr> <tr> <td>Ochre</td> <td>400 g</td> </tr> <tr> <td>Blue</td> <td>700 g</td> </tr> <tr> <td>Black</td> <td>700 g</td> </tr> <tr> <td>Red</td> <td>800 g</td> </tr> <tr> <td>Brown</td> <td>700 g</td> </tr> <tr> <td>Green</td> <td>900 g</td> </tr> </tbody> </table>	Colour	Canister weight	Yellow	400 g	Ochre	400 g	Blue	700 g	Black	700 g	Red	800 g	Brown	700 g	Green	900 g
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Green	900 g																
Shelf life	36 months from date of production																
Storage conditions	Store undamaged in dry conditions, protected from direct sunlight and frost, between temperatures +5°C to +25°C.																

Bulk Density

Colour	Density
Yellow	0,35 to 0,45
Ochre	0,40 to 0,50
Blue	0,65 to 0,75
Black	0,70 to 0,80
Red	0,75 to 0,85
Brown	0,75 to 0,85
Green	1,00 to 1,10

APPLICATION INFORMATION

Recommended Dosage

Between ½ - 2 canisters per 25 kg of the total binder content depending on the desired colour intensity.

APPLICATION INSTRUCTIONS

MIXING

SikaCem® Color is added to the dry mixture. Mix well before adding water.

IMPORTANT CONSIDERATIONS

The dosage of SikaCem® Color must be adjusted to the following parameters:

- Demanded colour shade
- Colours and dosage of the raw materials used for concrete and mortar production

The uniform colour appearance depends largely on dosage and uniformity of the raw materials used for concrete production (cement, water, aggregates, admixtures and pigments).

The environmental conditions during setting and hardening may affect the shade of the concrete and mortars, especially at low temperatures and in cases of increased relevant humidity.

The basic rules that apply in case of conventional mortars, apply also in the case of mortars and concrete produced with SikaCem® Color, regarding their production, application and curing.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet
SikaCem® Color
October 2018, Version 02.01
021405061000000052

SikaCemColor-en-GR-(10-2018)-2-1.pdf

