

PRODUCT DATA SHEET

Sika® Color FF

Liquid colour for colouring ready-mixed concrete

DESCRIPTION

Aqueous processing of pigments according to DIN EN 12878 for colouring of reinforced and unreinforced concrete.

USES

- Producing coloured ready-mixed concrete
- Optimised colouring of concrete
- Designing with coloured fair-faced concrete
- Standardised production of coloured concrete with liquid colour according to DIN EN 12878

CHARACTERISTICS / ADVANTAGES

Sika® Color FF is a ready to use pigment preparation, which was specially designed and developed for the ready-mixed concrete industry.

Sika® Color FF provides the following benefits:

- Approved for reinforced concrete according to DIN EN 206-1/DIN 1045-2
- Clean and dust-free work
- Clump-free distribution of the pigments
- High colour development force, since the pigment is present in an open-webbed form
- Simple dosage
- For larger projects, addition with a dosing system
- Adding to the finished concrete is possible
- The addition directly into the truck mixer is possible

APPROVALS / CERTIFICATES

Complies with DIN EN 12878 Class B
Can be utilised in all EC countries.

PRODUCT INFORMATION

Packaging

Drum: 30 kg
Drum: 100 kg
Hire container ("Ufo") on request

Appearance and colour

FF-110 fluid red (1.80-2.00 g/cm³; 57.0-63.0 %)
FF-120 fluid red (1.80-2.00 g/cm³; 57.0-63.0 %)
FF-130 fluid red (1.80-2.00 g/cm³; 57.0-63.0 %)
FF-920 fluid yellow (1.40-1.60 g/cm³; 42.5-47.5 %)
FF-960 fluid yellow (1.30-1.50 g/cm³; 42.5-47.5 %)
FF-610 fluid brown (1.50-1.70 g/cm³; 47.5-52.5 %)
FF-655 fluid brown (1.75-1.95 g/cm³; 57.0-63.0 %)
FF-330/1 fluid black (1.40-1.60 g/cm³; 47.5-52.5 %)
FF-360 fluid black (1.65-1.85 g/cm³; 52.0-58.0 %)
FF-GN fluid green (1.85-2.05 g/cm³; 57.0-63.0 %)
FF-18225 fluid white (1.65-1.80 g/cm³; 57.0-63.0 %)
FF-18212 fluid blue (1.60-1.80 g/cm³; 51.0-57.0 %)

Shelf life

Approx. 6 months shelf life in sealed containers.

Storage conditions

Protect against frost, strong sunlight and contamination.

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The product must be homogenised before use.
With "Ufo" homogenisation, simply via existing compressed air connection.
Open the red bleeding flap with "Ufo" for emptying/connection before commencing production.

Viscosity	300 – 500 mPas
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APPLICATION INFORMATION

Recommended dosage	3.0 - 10.0 % of the cement mass
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Compatibility	Add Sika® Color FF to the finished concrete mixture. Sika® Color FF can be used both in the ready-mixed concrete plant as well as directly in the truck mixer. The mixing time should not undershoot 2 minutes per m ³ . When adding in the truck mixer, the minimum mixing time is 10 minutes. An even distribution of Sika® Color FF in the concrete must always be ensured.
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Dispensing	An initial test according to DIN EN 206-1/DIN 1045-2 is required before use.
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BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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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