

PRODUCT DATA SHEET

SikaColor® Flo

Liquid concrete colours

DESCRIPTION

SikaColor® Flo Liquid Colors are pre dispersed metal oxide pigments containing high pigment solids in an aqueous base liquid.

USES

The use of colours and the ColorSelect® PC Liquid dispensing System provides an easy handling, dust free environment for integral colouring of:

- Concrete Blocks & Pavers
- Concrete Floors
- Vertical Precast
- Poured in Place Concrete

CHARACTERISTICS / ADVANTAGES

SikaColor® Flo Liquid Colour is a water based liquid colour containing proprietary chemicals for dispersion and suspension of the metal oxide pigments. All Colour products are thixotropic in nature, which means they remain thick when standing for an extended period.

PRODUCT INFORMATION

Composition	Inorganic Metal Oxide in aqueous solution.
Packaging	Returnable ColorSelect® Totes
Shelf life	12 months from date of production if stored properly in original, unopened packaging, at temperatures between +5°C and +35°C.
Storage conditions	Store at temperatures between +5°C and +35°C. Protect SikaColor® Flo from direct sunlight and freezing. <i>Frost: If frozen and/or if precipitation has occurred, SikaColor® Flo may be used after thawing slowly at room temperature and intensive mixing.</i>
Appearance and colour	Liquid (in different colours)

APPLICATION INFORMATION

Recommended dosage	Product is available in numerous standard colours as indicated in the Colour Card using 1 % to 8 % loadings by weight of cement. Dosing up to 10 % liquid colours are possible but do not improve the colour saturation normally. Different shades of Portland Cement, Cement replacement, aggregates, consistency and finishing techniques create differences in the final concrete colour.
Compatibility	SikaColor® Flo may be combined with many other Sika Concrete Admix-

tures.

Important: Always conduct trials before combining products in specific mixes and contact our Technical Service Department for information and advice about any specific combinations.

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.

IMPORTANT CONSIDERATIONS

The standard rules of good concreting practice, concerning production and placing, shall be followed. Laboratory trials shall be carried out before concreting on site, especially when using a new (changed) mix design or producing new concrete components. Fresh concrete must be cured properly and curing applied as early as possible. Sika strongly recommends pouring a mock-up for approval prior to starting the job.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

DISPENSING

SikaColor® Flo should be agitated prior to use to insure uniformity.

For a zero-slump application, SikaColor® Flo is added just after the pre-wetted aggregate and before the cement addition. This allows the aggregate to distribute the colour uniformly, which will promote an even distribution of pigment particles on the surface of the cement crystals.

For ready mix applications, SikaColor® Flo may be added in front, during the batching or at the end of the batch cycle.

LOCAL RESTRICTIONS

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