

PRODUCT DATA SHEET

Sikacrete[®]-230 CR

BASIC MIXTURE FOR PRODUCING RAPID CURING CONCRETE ACCORDING TO TL BEB

DESCRIPTION

Sikacrete[®]-230 CR is a cement-bound dry mortar for producing rapid curing concrete for large scale repairs and maintenance on heavily exposed concrete surfaces, which have to be passable again quickly.

USES

- Concrete road surfaces
- Airport runways
- Parking areas
- Hall floors

The rapid curing concrete produced with Sikacrete[®]-230 CR is particularly suitable for the renewal of panels and panel-type parts.

FEATURES

- Fast strength development, also at low temperatures
- Traffic capability after 4 hours
- Increased final strength C60/75
- High resistance to freezing/thawing and de-icing salts as soon as after 12h

Sikacrete[®]-230 CR is a plant mixed dry mortar based on Portland cement. Subsequent addition of aggregate 2/16 creates a rapid curing concrete of 0/16 mm.

CERTIFICATES AND TEST REPORTS

Testing in accordance with TL BEB StB 15 has been commissioned.

Expert report on suitability regarding the avoidance of a AKR-reaction has been commissioned.

PRODUCT INFORMATION

Composition	Cement, graduated aggregate and special additives
Packaging	Big bag: 1000 kg
Appearance and colour	Powder / Grey
Shelf life	Minimum shelf life of 6 months in original packaging.
Storage conditions	Store dry like cement.
Operating temperature range	Dmax: 3 mm

APPLICATION INFORMATION

Mixing ratio	45 wt% Basic Mixture CR 15 wt% high-grade chippings TL rock -StB 2/8, E I-S 20 wt% high-grade chippings TL rock -StB 8/11, E I-S 20 wt% high-grade chippings TL rock -StB 11/16, E I-S 6.5 wt% water Sika ViscoCrete-2820 as flow agent to get the desired consistency
Consumption	Approximately 1000 kg Basic Mixture CR per m ³ rapid curing concrete 0/16

Ambient air temperature	+5°C min. / +30°C max.
Substrate temperature	+20°C min. / +25°C max.

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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