

PRODUCT DATA SHEET

Sikacrete[®]-08 SCC ID

SELF-COMPACTING CONCRETE (SCC)

DESCRIPTION

Sikacrete[®]-08 SCC ID is a ready to use cement based fine concrete.

USES

Fields of application are:

- Any small concreting work
- Concrete repair work
- Domestic concreting work i.e. in gardens and house-holds
- Filling of voids and cavities etc. in concrete

FEATURES

The following advantages can be achieved by using Sikacrete[®]-08 SCC ID:

- No vibration required
- Fast placing due to high flow characteristics
- Economical concreting
- Good high quality surface finish

PRODUCT INFORMATION

Packaging	35 kg set Part A: 25 kg (powder) Part B: 10 kg (Aggregate)
Appearance and colour	Ready to use dry cement based concrete with an aggregate / Grey.
Shelf life	9 months from date of production if stored properly in undamaged un-opened, original sealed packaging.
Storage conditions	Store properly in dry conditions at temperatures between +18 °C and +35 °C. Protect from moisture, direct sunlight and frost.
Density	~2.28 kg / L
Maximum grain size	10 mm

TECHNICAL INFORMATION

Compressive strength	50 N / mm ² (cube 15 x 15 x 15, after 28 days)
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APPLICATION INFORMATION

Mixing ratio	3.5 to 4.2 L of water per 35 kg set dependent on the desired flow
Yield	35 kg of dry mix yields approx. 15 L of concrete
Pot Life	30 min (at +30° C)

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.

IMPORTANT CONSIDERATIONS

- High material and ambient temperature can affect product flowability and pot life, conduct site trials when needed to observe actual flowability and pot life.
- Variations in cement could cause shade differences in colour of the mortar.

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.

APPLICATION INSTRUCTIONS

MIXING

Using Pan mixer :

Mix dry concrete for a few seconds, then add mixing water. Mix with low-speed for 3 minutes.

Using Hand mixer :

Put appropriate quantity of water (depend on the desired flow) into a mixing vessel. Add slowly the total content mortar of Sikacrete®-08 SCC ID while mixing. Mix continuously for 2 minutes, then add the aggregate. Add mixing time 1 more minutes. Use a mechanically low speed drill (400–600 rpm) with mixing paddle.

CURING TREATMENT

After pouring, need wet cure for a minimum 3 days with wet hessian, plastic sheet or apply a curing compound (Antisol).

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use.

Hardened / cured material can only be removed mechanically.

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 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.

PT. Sika Indonesia Head Office and Manufacturing

Jl. Raya Cibinong-Bekasi Km.20

Limusunggal-Cileungsi

Bogor 16820-Indonesia

Tel. +62 21 8230025, Fax +62 21

8230026



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