

PRODUCT DATA SHEET

Sika® ViscoCrete®-8733 SKY (MM)

Mid-Range superplasticizer with retention technology

DESCRIPTION

Sika®ViscoCrete®-8733 SKY MM is a polycarboxylic ether (PCE) based superplasticiser formulated with retention technology.

Sika®ViscoCrete®-8733 SKY MM provides good workability over extended period without compromising on concrete strength development.

Sika®ViscoCrete®-8733 SKY MM is free of chloride and complies with ASTM C494 Type G and is also compatible with all cements meeting recognised international standards.

The ability to work with low water cement ratio and still obtain good slump retention allows for the manufacture and easy placement of high quality concrete. The combination of slump retention and final strength development allows Sika®ViscoCrete®-8733 SKY MM to meet demanding concreting requirements, often exceeding the performance of conventional superplasticisers.

USES

Sika®ViscoCrete®-8733 SKY MM is mainly suitable for the manufacture of concrete for RMC plants and site batch concrete,

Sika®ViscoCrete®-8733 SKY MM is used for the following types of concrete:

- Bored piles;
- Barrette foundations and diaphragm walls;
- Ground and suspended slabs;
- Columns and walls.

FEATURES

Sika®ViscoCrete®-8733 SKY MM offers the following benefits:

- Mid-range water reduction capacity over conventional superplasticizers
- Hot weather concreting and long distant transport
- Low permeability and high durability concrete
- Flowability for ease of placement and compaction
- No re-tempering with extended slump retention
- Improve surface quality with minimal bleed water
- Superior cohesion with ease of pumping

PRODUCT INFORMATION

Packaging	200 l/ PE drum 1,000 l/ IBC Tank
Shelf life	12 months if stored properly in original unopened packaging
Storage conditions	Stored in dry conditions, protected from direct sunlight
Colour	White to Slightly Yellow
Density	1.02~1.05
pH-Value	4.0 ~ 6.0

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TECHNICAL INFORMATION

Concreting guidance

Concrete placing: With the use of Sika®Viscocrete®-8733 SKY MM , concrete of highest quality is being produced, however state of the art concrete technology, such as mixing, placing vibrating and curing must be respected and applied,
Curing: Effective measures for concrete curing must be followed.

Specific advice

Sika®Viscocrete®-8733 SKY MM is added to the gauging water prior to its addition to the dry mix or added separately to the wetted concrete mix. For optimum utilization of the ultra-high range water reducer we recommend a minimum wet mixing time of 60 seconds. When adding the balance of the batching water to adjust concrete consistency this should be done after a minimum of 2/3 of the wet mixing time to avoid surplus water in the concrete.

APPLICATION INFORMATION

Recommended dosage

The normally recommended dosage rate is 0.8 to 1.6 litres per 100 kg of binder.
Other dosages may be used in special cases according to specific job site conditions.

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.

FURTHER INFORMATION

Overdosing will result in increased workability and setting time of the Concrete, however, provided that curing is effective, ultimate concrete strength and properties will not be affected, Accurate dispensing equipment can be supplied by Sika Myanmar Limited, Use an appropriate concrete mixer and do not mix by hand, Trial mixes are recommended to establish exact dosage rates required to suit individual requirements, Please contact Sika Technical Department for further assistance.

ECOLOGY, HEALTH AND SAFETY

Protective Measures: Avoid prolonged contact with skin, Wash off thoroughly with soap water. In case of contact with eyes or mouth, rinse immediately with clean warm water and seek medical attention without delay. Avoid contact with food stuff and utensils.

Ecology/ Waste disposal: Do not dispose of into water or soil, but according to local regulations. **Transportation class:** Non-hazardous

Toxicity: Non-toxic

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.

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