BUILDING TRUST

PRODUCT DATA SHEET

Sika® ViscoCrete®-3969 Ease

Superplasticizer for the production of high quality ready-mix concrete with enhanced rheology

DESCRIPTION

Sika® ViscoCrete®-3969 Ease is an innovative super-plasticizer designed to give class-leading rheology and workability.

Sika® ViscoCrete®-3969 Ease is formulated from unique polymers. The objective of the development of this new, next generation polymer was to take the characteristics of traditional polycarboxylic ether (PCE) admixtures but to give enhanced rheology and robustness to the concrete.

The polymers contained in the formulation of Sika® ViscoCrete®-3969 Ease ensure that enhanced rheology is maintained from time of mixing to time of placing and finishing.

USES

Sika® ViscoCrete®-3969 Ease is used for the production of high quality ready-mix concrete.

CHARACTERISTICS / ADVANTAGES

For the Ready-mix Producer:
- Capability of delivering high performance concrete with enhanced rheology.
- Concrete is easier to pump reducing pumping time and pumping pressure and thus wear-and-tear on equipment.
- Concrete is easier to place and finish.
- Enhanced rheology is maintained from time of mixing to time of placement.

For the Contractor / Applicator:
- Easier placing and improved strength development
- Improved concrete surfaces

For the Engineer:
- Insurance that concrete meets original specification
- High quality durable concrete.

PRODUCT INFORMATION

Packaging	Sika® ViscoCrete®-3969 Ease is supplied 1000 litre containers.
Appearance / Colour	Dark Brown Liquid
Shelf Life	The shelf life is 12 months when stored correctly.
Storage Conditions	Sika® ViscoCrete®-3969 Ease should be stored out of direct sunlight and protected from extremes of temperature.
Density	1.060 - 1.100
pH-Value	5.0 – 9.0
Total Chloride Ion Content	“chloride-free” to EN 934-2

APPLICATION INFORMATION

Recommended Dosage	The normally recommended dosage rate of Sika® ViscoCrete®-3969 Ease is: **0.5 to 1.5 litre per 100kg of total cementitious material.** Other dosages may be recommended in special cases according to the specific site conditions. In this case, please consult our Technical Services Department for advice.
Dispensing	Sika® ViscoCrete®-3969 Ease is a ready-to-use admixture to be added to the concrete as a separate component. Optimal result is obtained if Sika® ViscoCrete®-3969 Ease is poured into the concrete mix right after the addition of the first 80% of the mixing water, i.e. when all solids are wetted. Avoid adding the admixture to the dry aggregates.

SYSTEM INFORMATION

Compatibility	Sika® ViscoCrete®-3969 Ease is not compatible with Sikament RB superplasticizers. Sika® ViscoCrete®-3969 Ease is suitable for mixes containing: ▪ Microsilica (Silica Fume) ▪ Fly Ash (PFA) ▪ GGBS (ground granulated blast furnace slag) The occurrence of a surface layer with Sika® ViscoCrete®-3969 Ease is normal and will have no effect on the performance of the product.

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.

ECOLOGY HEALTH AND SAFETY

No special requirements must be observed during use. Protection gloves and glasses are however recommended.
Sika® ViscoCrete®-3969 Ease is non-flammable, non-toxic or irritant and is not subject to special transport require-ments.

Sika® ViscoCrete®-3969 Ease contains no hazardous substances re-quiring labelling.
For further information refer to the Material Safety Data Sheet (SDS).

LOCAL RESTRICTIONS

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

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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