

PRODUCT DATA SHEET

Sika® Stabilizer-362

(formerly MasterMatrix® 362)

VISCOSITY MODIFYING ADMIXTURE

DESCRIPTION

Sika® Stabilizer-362 viscosity modifying admixture (VMA) is a ready-to-use, liquid admixture that is specially developed for producing concrete with enhanced viscosity and controlled rheological properties. Concrete with Sika® Stabilizer-362 admixture exhibits superior stability, increasing resistance to segregation and facilitating placement and consolidation. Sika® Stabilizer-362 meets AS 1478 for Type SN admixtures.

USES

- Concrete containing “gap-graded” aggregates
- Lean concrete mixtures
- Concrete containing manufactured sand
- Concrete as a pumping aid
- Concrete as a finishing aid
- Concrete mixtures requiring “more body”
- Self-Compacting Concrete (SCC) or Super Workable Concrete (SWC)
- Underwater concrete applications

CHARACTERISTICS / ADVANTAGES

- Modifies viscosity of concrete
- Easy to dispense
- Controls bleeding
- Modifies rheological properties
- Provides flexibility in mixture proportioning and batching
- Provides concrete stability during transport and placement
- Reduces segregation, even with highly-fluid concrete mixtures
- Enhances pumping and finishing
- Enhances surface appearance
- Provides superior and predictable in-place concrete properties
- Facilitates production of highly-fluid mixtures such as Self-Compacting Concrete (SCC) or Super Workable Concrete (SWC)
- Reduces losses from washout in underwater concrete applications

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 20 L ▪ 1,000 L tank
Shelf Life	12 months
Storage Conditions	Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.
Viscosity	Sika® Stabilizer-362 admixture will exhibit an increase in concrete viscosity with increasing dosage of the admixture. This desirable characteristic facilitates concrete placement, consolidation and finishing and provides stability to very fluid concrete mixes.

APPLICATION INFORMATION

Consumption

The recommended dosage range for Sika® Stabilizer-362 admixture is 150 - 900 mL/100 kg of cementitious materials.
A dosage of 150 - 400 mL/100 kg is recommended for typical concrete mixtures requiring "more body" to facilitate pumping and finishing procedures.
A dosage of up to 900 mL/100 kg is recommended to provide stability in self-compacting, super workable and underwater concrete mixes.
Because of variations in concrete materials, jobsite conditions and/or applications dosages outside of the recommended range may be required.

Compatibility

Sika® Stabilizer-362 admixture is compatible with most other admixtures used in the production of quality concrete including normal, mid-range and high-range water-reducing admixtures and air-entraining admixtures. Sika® Stabilizer-362 admixture is also compatible with typical accelerators, retarders, extended set-control admixtures, corrosion inhibitors and shrinkage reducing admixtures. However a field trial is recommended to ensure appropriate performance.

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Sika® Stabilizer-362 admixture is typically added with the initial mix water.
Alternately, Sika® Stabilizer-362 admixture may be added after all other concreting ingredients have been batched and thoroughly mixed, either at the batch plant or at the jobsite.

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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