

## PRODUCT DATA SHEET

# Sika® ViscoCrete®-3626 Ease

Superplasticizer to produce high-quality precast concrete with enhanced rheology

## DESCRIPTION

**Sika® ViscoCrete®-3626 Ease** is one of the latest products developed as a result of our ongoing innovation drive. Based on a new, and patented polymerisation process, **Sika® ViscoCrete®-3626 Ease** is specifically developed for use in the precast industry. **Sika® ViscoCrete®-3626 Ease** has been developed to provide an improved concrete rheology without compromising the early strength development of the concrete and improved final concrete strengths.

The polymer structure of **Sika® ViscoCrete®-3626 Ease** is specially designed to improve the rheology of precast concrete, to allow for very flowable and with low viscosity even at very low water/cement ratios. Robustness, surface finish and retention performance are a distinctive feature of the precast concrete produced with **Sika® ViscoCrete®-3626 Ease**.

Thanks to its tailored mode of action in concrete, **Sika® ViscoCrete®-3626 Ease** imparts a level of viscosity within a mix enabling the right balance between fluidity, passing ability and resistance to segregation to be achieved.

## USES

Sika® ViscoCrete®-3626 Ease is used for the production of high-quality precast concrete.

## CHARACTERISTICS / ADVANTAGES

Sika® ViscoCrete®-3626 Ease offers the following benefits for the concrete industry:

- Production of high slump concrete or highly flowable, robust self-compacting concrete having a low water cement ratio along with an optimal rheology.
- Concrete is easier to place and finish.
- Enhanced rheology is maintained from time of mixing to time of placement.
- Insurance that concrete meets original specification
- High quality, durable precast concrete elements
- Improved surface appearance
- Elimination or reduction of the energy required for placing, compaction and curing.
- Enables SCC (Self-compacting concrete) with reduced fines content.

## APPROVALS / STANDARDS

ASTM C-494 Type F  
BS EN 934-2

## PRODUCT INFORMATION

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Packaging           | Sika® ViscoCrete®-3626 Ease is supplied in 1000 litre containers.                                               |
| Appearance / Colour | Brownish                                                                                                        |
| Shelf Life          | The shelf life is 12 months when stored correctly.                                                              |
| Storage Conditions  | Sika® ViscoCrete®-3626 Ease should be stored in closed containers or storage tanks to protect from evaporation. |

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|----------------------------|-----------------------------|
| Density                    | 1.035 – 1.075               |
| pH-Value                   | 6.5 – 8.5                   |
| Total Chloride Ion Content | “chloride free” to EN 934-2 |

## APPLICATION INFORMATION

|                    |                                                                                                                                                                                                                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended Dosage | The normally recommended dosage rate of Sika® ViscoCrete®-3626 Ease is <b>0.45 to 1.50 Litre per 100kg</b> 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®-3626 Ease is a ready-to-use admixture to be added to the concrete as a separate component. Optimal result is obtained if Sika® ViscoCrete®-3626 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®-3626 Ease is suitable for mixes containing: <ul style="list-style-type: none"> <li>▪ Microsilica (Silica Fume)</li> <li>▪ Fly Ash (PFA)</li> <li>▪ GGBS (ground granulated blast furnace slag)</li> </ul> |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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®-3626 Ease is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

Sika® ViscoCrete®-3626 Ease contains no hazardous substances requiring labelling. For further information refer to the Material Safety Data Sheet.

## 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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