BUILDING TRUST

PRODUCT DATA SHEET

Sika® AER PH

Air Entraining

DESCRIPTION

A ready to use highly concentrated air-entraining concrete admixture. Its efficiency is based upon the entrainment into the mix of a high number of correctly sized and evenly distributed air bubbles.
Complies with A.S.T.M. C 260 – 94

USES

Sika® AER PH is used to produce easily workable and durable concrete for :
- Roads
- Runways and taxi ways
- Aprons and hard standings
- Dams and reservoirs
- Mass concrete structures.

CHARACTERISTICS / ADVANTAGES

Sika® AER PH provides the following properties :
- Resistant to de-icing salts
- Improved workability
- Improved durability.
- Increased cohesion reducing the risk of segregation.
- Reduced water content without loss of workability.
- Unaffected setting time even when overdosed.

PRODUCT INFORMATION

Packaging	210 Liter Drum
Appearance / Colour	Light brown liquid
Shelf Life	1 year if stored properly in unopened original container
Storage Conditions	Store in dry, cool, shaded place
Specific gravity	Approx. 1.02 kg/L
Specific Advice	Increased air contents generally have a detrimental effect on strength. This can be adequately catered for by using Sikament® and Sika® ViscoCrete® as water reducer admixture for concrete.
Recommended Dosage	0.02 % - 0.15 % by weight of total cementitious binder. Exact dosage rates are determined by air meter tests in trial mixes. Factors affecting air content include : ▪ Type, grading and proportion of sand, cement and aggregates. ▪ Cement content per cubic meter. ▪ Type and fineness of cement. ▪ Water cement ratio and temperature. In certain cases therefore, it may be necessary to increase the 0.15 % dosage rate.

Air meter tests and adjustments made to the dosage rate should be taken consistently in order to completely control the amount of air entrainment, which should be normally in the range of 3% – 6 %.

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.

LOCAL RESTRICTIONS

Please note that as a result fo 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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