BUILDING TRUST

PRODUCT DATA SHEET

Sika® Plastiment®-250 PK

Water Reducing And Retarding Concrete Admixture

DESCRIPTION

A Liquid concrete plasticizer and water reducing agent with set retarding effect.

USES

Sika® Plastiment®-250 PK is used as a general purpose admixture where the placing conditions for high quality concrete are more demanding elevated temperatures such as:

- Fair faced concrete.
- Pumped concrete.
- Ready mix concrete.
- Areas where large volumes must be placed at one time.
- High mechanical strengths are required.

CHARACTERISTICS / ADVANTAGES

Sika® Plastiment®-250 PK provides the following properties:

- Increased setting time in hot weather.
- Improved workability without increase water content.
- Reduced water without loss of workability.
- Increased strengths.
- Reduced shrinkage and creep.
- Long lasting control of slump loss
- Better surface finish.
- Chloride free-does not attack reinforcement

APPROVALS / STANDARDS

Sika® Plastiment®-250 PK complies with A.S.T.M. C494-92 Type A, B and D.

PRODUCT INFORMATION

Chemical Base	Organic Polymer Blend
Packaging	05 ltr jerry can 20 ltr plastic can 200 ltr drum 1000 ltr IBC Bulk supply in tanker is possible on demand
Appearance / Colour	Brown Liquid
Shelf Life	12 months from date of production if stored properly in undamaged unopened, original sealed container.

Storage Conditions	The product must be stored properly in undamaged, unopened original sealed packaging in dry conditions at temperatures between +5° C and +35° C. Protect from direct sunlight and frost.
pH-Value	≥ 6
Total Chloride Ion Content	Nil (EN 934-2)
Specific gravity	1.155 ± 0.03

APPLICATION INFORMATION

Recommended Dosage	0.3-1.0% By weight of Cement content. The effective dosage of Sika® Plastiment®-250 PK depends on the type of cement and fine aggregate. The dosage rate can be increased to overcome difficulties in quality of cement and aggregates, high temperature and difficult placing conditions. Concrete trial mix shall be carried out to confirm the effective dosage and its effect to concrete properties.
Compatibility	Sika® Plastiment®-250 PK is compatible with all types of Portland cement including S.R.C.
Dispensing	Sika® Plastiment®-250 PK should be dispensed directly into the mixing water or when 70% of mixing water has been added to the concrete. When accidental overdosing occurs, Sika® Plastiment®-250 PK does not entrain excessive amounts of air; however, the set retarding effect increases. During this period the concrete must be kept moist in order to prevent premature drying out.

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.

CLEANING OF TOOLS

Clean all equipment and tools with water immediately after use.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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