

PRODUCT DATA SHEET

Sika® Plastiment® RTD-01

WATER REDUCING AND SET RETARDING

DESCRIPTION

A versatile and economical water reducing and set retarding concrete admixture with a wide dosage range. Complies with A.S.T.M. C 494-92 Type B & D

USES

Sika® Plastiment® RTD-01 is used advantageously whenever:

- High quality structural concrete is required.
- Placing conditions are difficult.
- Workability must be improved.

CHARACTERISTICS / ADVANTAGES

Sika® Plastiment® RTD-01 is a ready to use concrete admixture which provides the following properties:

- Improve workability of the fresh concrete.
- Controlled extension of setting times.
- Long lasting control of workability of concrete.
- Accelerated hardening after setting.
- Reduce shrinkage and creep.
- Chloride free.

PRODUCT INFORMATION

Composition	A blend of specially selected raw materials	
Packaging	220 kg drum Bulk delivery	
Appearance / Colour	Liquid / Dark brown	
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.	
Storage conditions	Store in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight and frost.	
Density	at +20 °C	1.125 ± 0.005 kg/L

TECHNICAL INFORMATION

Concreting Guidance

The standard rules of good concreting practice, concerning production and placing, are to be followed.

Laboratory trials before concreting on site are strongly recommended when using a new mix design or producing new concrete components. Fresh concrete must be cured properly and as early as possible.

APPLICATION INFORMATION

Recommended Dosage	0.2 % -0.6 % by weight of cement It is advisable to carry out trial mixes to establish the exact dosage rate required.
Compatibility	Sika® Plastiment® RTD-01 is compatible with all types of Portland cement including SRC.

APPLICATION INSTRUCTIONS

DISPENSING

Sika® Plastiment® RTD-01 should be dispensed directly into the mixing water prior to its addition to the aggregates.
When accidental overdosing occurs, Sika® Plastiment® RTD-01 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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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.

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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