

## PRODUCT DATA SHEET

# Sika® Plastiment® RX SR

A LIQUID SET RETARDING CONCRETE ADMIXTURE WITH A POWERFUL PLASTICIZING EFFECT. SUBSTANTIAL WATER REDUCTION CAN BE ACHIEVED WITHOUT LOSS OF WORKABILITY.

### DESCRIPTION

A liquid set retarding concrete admixture with a powerful plasticizing effect. Substantial water reduction can be achieved without loss of workability.

### USES

Plastiment® -RX/SR is used where high quality concrete is required in difficult conditions , such as:

- High temperatures
- Long hauls
- Ready- mix concrete
- Waterproofing concrete
- Pre-stressed concrete

### CHARACTERISTICS / ADVANTAGES

Plastiment® -RX/SR provides the following properties:

- Increased setting times at elevated temperatures.
- Long- lasting control of slump loss.
- Improved workability without increased water content.
- Reduced water without loss of workability.
- Increased strengths.
- Reduced shrinkage and creep.
- Improved surface finish.
- Chloride free-does not attack reinforcement.

### APPROVALS / CERTIFICATES

It complies with ASTM C-494 Type A+B+D and BS 5075 Part I.

### PRODUCT INFORMATION

<b>Composition</b>	Modified Lignosulphonate
<b>Packaging</b>	5 and 20 kg pails 220 kg drums Bulk Tanks packing available upon request
<b>Appearance / Colour</b>	Brown Liquid

<b>Shelf life</b>	12 months from date of production if stored properly in undamaged and unopened original sealed packing.
<b>Storage conditions</b>	ore in dry conditions, protected from direct sunlight and frost.
<b>Density</b>	(at 20°C) 1.170 (ASTM C494)

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.2 - 0.8 % by weight of cement. Actual dosage rate required is dependant on: effect sought, quality of cement & aggregates, water: cement ratio and temperature. In many cases it is advisable to carry out trial mixes to establish the exact rate required.
<b>Compatibility</b>	- Plastiment® -RX/SR is compatible with all types of Portland cement including SR and HPF cements. - When accidental overdosing occurs, this will have the effect of extending the setting time. - During this period the concrete must be kept moist in order to prevent premature drying out.
<b>Dispensing</b>	Plastiment® -RX/SR should be dispensed directly into the mixing water prior to its addition to the dry mix. Accurate dispensing equipment is readily available from Sika.

## 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.

## 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.

## ECOLOGY, HEALTH AND SAFETY

### ▪ Safety Precautions

Accidental splashes to the skin must be washed off with water and soap.

Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention.

### ▪ Ecology

Residues of material must be removed according to local regulations.

Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.

### ▪ Transport Non-hazardous

### ▪ Toxicity Non-Toxic under relevant health and safety codes.

tions. 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.

## 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 recommenda-

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