

# PRODUCT DATA SHEET

## Sikament<sup>®</sup> RX

### WATER REDUCING AND RETARDING CONCRETE ADMIXTURE

#### DESCRIPTION

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

#### USES

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

- High temperatures.
- Long hauls.
- Ready- mix concrete.
- Pre-stressed concrete and wherever high quality dense concrete is required.
- Waterproofing agent.

#### CHARACTERISTICS / ADVANTAGES

Plastiment<sup>®</sup> -RX 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

Complies with: ASTM C-494 Type A+B+D and BS 5075 Part 1.

#### PRODUCT INFORMATION

<b>Composition</b>	Modified Lignosulphonate
<b>Packaging</b>	5 Kg and 20 Kg pails 220 kg drums Bulk Tanks are available upon request

<b>Appearance / Colour</b>	Brown Liquid
<b>Shelf life</b>	12 months when unopened.
<b>Storage conditions</b>	Free from frost. Where possible protect from direct sunlight
<b>Density</b>	(at 20°C) 1.180±0.005 Kg/l

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	<p>0.2-0.9 % by weight of cement, actual dosage rate required is dependant on:</p> <ul style="list-style-type: none"> <li>▪ Effect sought.</li> <li>▪ Quality of cement and aggregates.</li> <li>▪ Water: cement ratio.</li> <li>▪ Temperature.</li> </ul> <p>In case of using max. Dosage, it is advisable to carry out trial mixes. Plastiment® -RX is compatible with all types of Portland cement including S.R.C.</p>
<b>Dispensing</b>	<ul style="list-style-type: none"> <li>▪ Plastiment® -RX should be dispensed directly into the mixing water prior to its addition to the aggregates.</li> <li>▪ Accurate dispensing equipment is readily available from Sika®.</li> <li>▪ When accidental overdosing occurs, Plastiment® -RX does not entrain excessive amounts of air.</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.

## 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

- **Ecology**  
Do not dispose of into water or soil but according to local regulations.
- **Transport**  
Non-hazardous.
- **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.
- **Toxicity**  
Non-Toxic under relevant health and safety codes.

## 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 war-

ranty 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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