

## PRODUCT DATA SHEET

# Sika® Plastiment® RCC-M

Set-retarding admixture for roller compacted concrete

### DESCRIPTION

Sika® Plastiment RCC-M is a highly efficient set-retarding admixture for mass roller compacted concrete where a controlled extension of setting time is required.

### USES

- Large volume pours
- Avoidance of cold joints
- Long hauls
- Difficult placing conditions
- Elevated temperatures

### CHARACTERISTICS / ADVANTAGES

- Controlled setting time
- Chloride free – does not attack reinforcement

### APPROVALS / STANDARDS

Complies with ASTM C 494-81 type B

### PRODUCT INFORMATION

|                            |   |
|----------------------------|---|
| <b>Packaging</b>           | 200 Litre drum<br>1000 Litre IBC  |
| <b>Appearance / Colour</b> | Brown liquid  |
| <b>Shelf Life</b>          | 12 months from date of production if stored properly in undamaged containers.   |
| <b>Storage Conditions</b>  | Store properly in undamaged containers, in dry conditions at temperatures between +5°C and +30°C. Protect from direct sunlight and frost. |
| <b>Density</b>             | 1.15 +0.03 (at +25°C)   |
| <b>pH-Value</b>            | 7.0   |

### APPLICATION INFORMATION

|                           |  |
|---------------------------|--|
| <b>Recommended Dosage</b> | 0.2 – 1.5% by weight of cement. <ul style="list-style-type: none"> <li>▪ The retardation rate achieved is directly dependant on the dosage rate which in turn is influenced by quality of cement and aggregates, water: cement ratio and temperatures.</li> <li>▪ In many cases it is advisable to carry out trial mixes to establish the exact dosage rate required.</li> </ul> |
|---------------------------|--|

**Compatibility**

Sika® Plastiment RCC-M is compatible with all types of Portland Cement including S.R.C.

**Dispensing**

Sika® Plastiment RCC-M should be added with the mixing water or introduced at the end of the mixing process.

**APPLICATION INSTRUCTIONS**

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

**LIMITATIONS**

Sika® Plastiment RCC-M must NOT be used with anti-freeze agents

**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**

Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the Safety Data Sheet.

**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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**Product Data Sheet**

Sika® Plastiment® RCC-M  
August 2020, Version 01.02  
021303011000000397

SikaPlastimentRCC-M-en-ZA-(08-2020)-1-2.pdf

