

# PRODUCT DATA SHEET

## Sika<sup>®</sup> ViscoCrete<sup>®</sup>-35 RM (GB)

### HIGH RANGE WATER REDUCING/SUPERPLASTICISING CONCRETE ADMIXTURE

#### PRODUCT DESCRIPTION

Sika<sup>®</sup> ViscoCrete<sup>®</sup>-35 RM (GB) is a liquid admixture for concrete which is used as a high range water reducer or super plasticiser. It meets the requirements of BS EN 934-2.

#### USES

- Sika<sup>®</sup> ViscoCrete<sup>®</sup>-35 RM (GB) is a unique product which is suitable for the production of ready mixed concrete
- Applications that require extended consistence retention
- High performance concrete
- Self compacting concrete
- High rise/pumped concrete
- Slip form concrete
- Improved effectiveness in higher ambient temperatures

#### CHARACTERISTICS / ADVANTAGES

- High range water reductions resulting in higher strengths and densities
- Extended consistence retention
- Improved cohesion properties
- Improved early and ultimate strengths
- Improved rheology
- Improved durability
- Reduced segregation and bleeding
- Reduced drying shrinkage
- Reduced mix costs

#### APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2 Tables 3.1 & 3.2. DoP 021301011000003285, certified by Factory Production Control Body 0086, Certificate 541325, and provided with a CE mark

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Modified Polycarboxylate
<b>Packaging</b>	20 litre drum, 1000 litre IBC
<b>Appearance / Colour</b>	Pale Brown
<b>Shelf Life</b>	12 months from date of production if stored properly in undamaged containers.
<b>Storage Conditions</b>	Dry conditions at temperatures between +5°C and +25°C Protect from direct sunlight and frost (freezing point +1°C)
<b>Specific Gravity</b>	1.060 kg/l (at+20°C)
<b>pH-Value</b>	3.9 +/- 1.0
<b>Total Chloride Ion Content</b>	<0.1% w/w (chloride free)

## TECHNICAL INFORMATION

<b>Specific Advice</b>	Air Entrainment: Negligible Effect on Setting: Extension to normal setting Effect of Overdosing: Increased workability & segregation Alkali Content: <0.35% w/w (Maximum)
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## APPLICATION INFORMATION

<b>Recommended Dosage</b>	0.4 - 1.5% by weight of cement
<b>Compatibility</b>	Sika admixtures: <ul style="list-style-type: none"><li>▪ Compatibility information available on request</li></ul> Cements: <ul style="list-style-type: none"><li>▪ All cement combinations</li></ul>
<b>Restrictions</b>	Sika® ViscoCrete®-35 RM (GB) should not be added to dry cement.

## APPLICATION INSTRUCTIONS

### DISPENSING

- Sika® ViscoCrete®-35 RM (GB) should be dispensed through suitable calibrated dosing equipment.
- Sika® ViscoCrete®-35 RM (GB) should be added with the mixing water.

### FURTHER DOCUMENTS

- When using Sika® ViscoCrete®-35 RM (GB) a suitable mix design is required and local material sources should be evaluated.
- Support from our Technical Department is recommended.

### VALUE BASE

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

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 recommenda-

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.

**SIKA LIMITED**

Watchmead  
Welwyn Garden City  
Hertfordshire, AL7 1BQ  
Tel: 01707 394444  
Web: [www.sika.co.uk](http://www.sika.co.uk)  
Twitter: @SikaLimited

**SIKA IRELAND LIMITED**

Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @SikaIreland



Product Data Sheet  
Sika® ViscoCrete®-35 RM (GB)  
February 2019, Version 01.01  
021301011000003285

SikaViscoCrete-35RMGB-en-GB-(02-2019)-1-1.pdf

