# Sika® ViscoFlow® 15
## Workability-Retaining Admixture

### Description
Sika® ViscoFlow® 15 is a workability-retaining admixture for use in various concrete applications. It meets the requirements of AS 1478.1-2000 for Special Purpose Admixture Type (SN).

### Uses
Sika® ViscoFlow™ 15 can be used in conventional, high slump or Self-Consolidating Concrete, in precast/prestress or ready mix applications, or in any application where extended concrete plasticity without excessive retardation is required. Sika® ViscoFlow® 15 does not extend slump life through slowing down the hydration process of cement. Besides the slump-retaining effect Sika® ViscoFlow® 15 also offers a water-reducing effect, resulting in a lower dosage rate for the primary water reducer in the concrete mix. Sika® ViscoFlow® 15 can be used as a stand-alone additive or in combination with other Sika concrete admixtures.

### Advantages
Sika® ViscoFlow® 15 is a unique concrete admixture used to improve the workability and slump retention of fresh concrete. Sika® ViscoFlow® 15 uses innovative polycarboxylate polymer technology, which can be used in various concrete applications whenever extended slump retention and concrete plasticity without excessive set time delays is required. Use of Sika® ViscoFlow® 15 delivers the following benefits to a concrete producer:
- Extended slump retention without excessive retardation.
- Reduced or eliminated need for concrete re-tempering.
- Better ability to optimize concrete mix designs resulting in cost savings.
- Ability to adjust slump retention to match transport time and temperature.
- No deleterious effect on concrete shrinkage.
- Reduced rejection rates due to issues related to concrete re-tempering.

### Storage and Shelf life
Stored at temperatures between 5°C and 35°C in unopened original containers protected from direct sunlight and frost, shelf life is at least one (1) year.

### Instructions for Use

#### Dosage
Sika® ViscoFlow® 15 recommended dosage is 200 ml to 1000 ml per 100kg of total cementitious material. Optimum dosage should be determined by site trials.

#### Mixing
For maximum efficiency, add Sika ViscoFlow® 15 directly to freshly mixed concrete in the concrete mixer after all batching water and water reducing admixture has been added. Sika ViscoFlow® 15 may also be dispensed into freshly mixed concrete in a Ready-Mix truck, at the concrete plant or at the job site. To optimize the slump retaining effect, Sika recommends that the combined materials should be mixed for 80-100 revolutions either in the concrete mixer or in the Ready-Mix truck.
Technical and Physical Data

<table>
<thead>
<tr>
<th>Form</th>
<th>Aqueous solution of modified polycarboxylates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Chloride Content</td>
<td>No added chlorides</td>
</tr>
<tr>
<td>TEA Content</td>
<td>Does not contain triethanolamine.</td>
</tr>
<tr>
<td>Packaging</td>
<td>20 litre pail</td>
</tr>
<tr>
<td></td>
<td>205 litre drum</td>
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<tr>
<td></td>
<td>Bulk deliveries</td>
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</tbody>
</table>

Important Note

- Sika® ViscoCrete® 15 can be used in conjunction with the following Sika products (trials are recommended before use): Sika Plastiment, SikaPlast, Sika Viscocrete, Sika Mix, Sika VMA, SikaTell, Sika Rapid, Sika Retarder, Sika FerroGard-901, Sika Control Plus. All admixtures must be added separately.
- For self-compacting concrete it is necessary for the concrete mixes to be designed to specifically satisfy the required flow and cohesive characteristics (contact our Sika Technical Department).
- Do not use in conjunction with naphthalene admixtures.
- For additional information, please contact your local Sika Representative.

Handling Precautions

- Avoid contact with eyes and skin.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention immediately.
- A full Material Safety Data Sheet is available from Sika on request.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika’s 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.