

# PRODUCT DATA SHEET

## Sika® Mix

### Mix Enhancing Admixture

#### DESCRIPTION

Sika® Mix is a concrete admixture for general use to enhance unfavourable concrete mixes. Sika® Mix improves workability even with poor aggregates, and sand gradings.

#### USES

Sika® Mix is especially useful for concrete mixes with fluctuating fines, low cement content or unfavourable granulometric curves with bad water retention abilities. Even secondary raw materials like crushed rock and manufactured sands are more easily used with Sika® Mix.

#### CHARACTERISTICS / ADVANTAGES

Improves the cohesiveness, workability and lubrication of the fresh concrete.

- Reduces concrete bleed.
- Improves pump output and workability of unfavourable concrete mixes.
- Used in shotcrete mixes to improve sticking or as silica fume replacement.
- Smoother finishes resulting from better extrusion of concrete.

#### APPROVALS / CERTIFICATES

Sika® Mix meets all the requirements of AS1478.1-2000 as special Admixture neutral set, Type (SN).

#### PRODUCT INFORMATION

<b>Composition</b>	Water based polymer dispersion
<b>Packaging</b>	Bulk deliveries 1000 litre IBC 205 litre drum 10 litre container
<b>Shelf life</b>	Stored at temperatures between 5°C and 35°C in unopened original containers protected from direct sunlight and from frost, shelf life is at least six (6) months.
<b>Storage conditions</b>	Store at temperature between 5° and 35°C, protected from the direct sunlight.
<b>Appearance and colour</b>	Light green liquid
<b>Specific gravity</b>	1.0 g/cm <sup>3</sup>
<b>Recommended dosage</b>	To recommend addition rates: <ul style="list-style-type: none"> <li>▪ Poorly graded aggregates and harsh materials. 300-1000 ml/m<sup>3</sup></li> <li>▪ Improve pumping characteristics and lower pump pressures 1000-2000 ml/m<sup>3</sup></li> <li>▪ As silica fume replacement (only for rheology)</li> </ul>

<b>Dispensing</b>	Sika® Mix can be added either to the initial mixing water or to the slump water. Never add to a dry mix. The optimum effect is reached after a wet mixing time of 60 seconds/m <sup>3</sup> .
<b>Compatibility</b>	Sika® Mix can be used in conjunction with all the Sika® Concrete and Sigunit® admixtures.

## 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.

## FURTHER INFORMATION

Sika® Mix slightly changes the viscosity of the concrete mix, but workability is not influenced.  
It might slightly increase the air content of concrete.

## 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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 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.

**Sika Australia Pty Limited**  
ABN 12 001 342 329  
aus.sika.com  
Tel: 1300 22 33 48