

PRODUCT DATA SHEET

Sika® Plastiment®-55

WR-WATER REDUCING ADMIXTURE

DESCRIPTION

Sika® Plastiment®-55 is a special formulated water reducing admixture based on selected polycarboxylate ethers, which provides a cost effective solution in achieving water reduction.

USES

Sika® Plastiment®-55 is used to improve the efficiency of the water content in concrete mixes to achieve increased workability without loss of strength or to increase strength without loss of workability. It can be used for pumped and structural concrete. Sika® Plastiment®-55 is the ideal product for burnished finish concrete flooring.

CHARACTERISTICS / ADVANTAGES

- Improve workability and finishability
- Ideal product for slump up to 120 mm
- Easier and quicker placing and compaction
- The water reduction properties as well as the dispersion characteristic enhance the strength gained at all ages
- Enhances a consistent and controlled bleeding rate through water reduction and mix cohesiveness
- Sika® Plastiment®-55 enables concrete to achieve internal cohesiveness with improved placement properties
- Higher dosage rates deliver proportional setting time delay
- Sika® Plastiment®-55 delivers excellent finishing in slab and flooring concrete

PRODUCT INFORMATION

Composition	Selected copolymers in aqueous solution
Packaging	Bulk deliveries 1000 L IBC 10 L container
Shelf life	Stored at temperatures between 5°C and 35°C in unopened original containers protected from direct sunlight, shelf life is 12 months.
Storage conditions	Store at temperatures between 5°C and 35°C , protected from direct sunlight.
Appearance and colour	Dark grey liquid
Recommended dosage	Recommended dosage is 400 ml ± 100 ml per 100 kg of total cementitious material. This dosage can be increased to 800 ml 100 kg of total cementitious material to improve water reduction and increase setting time. Optimum dosage should be determined by site trials with the particular mix design and materials.
Dispensing	Sika® Plastiment®-55 is added with the batching water. Never add to a dry mix.
Compatibility	Sika® Plastiment®-55 can be used in conjunction with all the Sika Concrete

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.

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

Product Data Sheet

Sika® Plastiment®-55

April 2023, Version 01.03

02130301100000922

SikaPlastiment-55-en-AU-(04-2023)-1-3.pdf