

PRODUCT DATA SHEET

TPI-727

MID-RANGE WATER REDUCING CONCRETE ADMIXTURE

DESCRIPTION

TPI-727 is a newly developed admixture for concrete with mid-range reducing effect.

USES

- Easy for producing concrete
- Where increased workability is required
- Use for increase flowability and softness of concrete

FEATURES

- Water reduction up to 15%
- Improved utilization of cement
- Improved watertight
- Better improvement for final strength
- Compensates for slow early strength gain achieved by cement replacements (PFA, GGBFS)
- Increased workability and placeability
- Longer slump retention

CERTIFICATES AND TEST REPORTS

Complies with ASTM C494 Type A & D
Complies with TIS 733

PRODUCT INFORMATION

Packaging	1,000 L/tote or bulk
Appearance and colour	Brown Liquid
Shelf life	12 months from the date of production If stored properly in undamaged, original, sealed packaging
Storage conditions	Store in dry conditions, protected from direct sunlight at temperature between 5°C and 40°C
Density	1.165 - 1.185 kg/L (at +25°C)
pH-Value	7.0 - 9.0 (at +25°C)
Recommended dosage	Recommended dosage 200 - 800 cc. per 100 kg. of cement or cementitious weight. Actual dosage depends on requirements and should be established from laboratory trials. TPI-727 is compatible with all types of Portland Cement including SRC type and Hydraulic Cement.
Dispensing	Adding the correct amount of TPI-727 at the concrete plant. Addition should be by automatic dispenser into the water line at the batching plant. Do not add directly on to the dry sand or cement.

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Accidental overdosing of TPI-727 causes an extension of initial and final setting time.

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 Material Safety Data Sheet 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 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 (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
Industrial Estate, T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
Website: tha.sika.com



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