

PRODUCT DATA SHEET

SikaTard® Pak

Powdered Concrete Retarder and Truck Mixerwash Admixture

PRODUCT DESCRIPTION

SikaTard® Pak is a powdered admixture formulated to control the hydration of cement. The SikaTard® Pak has been specifically formulated to enable the reduction of waste associated with the washing out of truck mixes. SikaTard® Pak is packaged in water soluble bags to enable ease of addition and handling.

USES

- Retardation of fresh concrete
- Ready-mix truck wash out

CHARACTERISTICS / ADVANTAGES

SikaTard® Pak as a mixerwash admixture: -

- Reduced waste and associated cost
- Reduced wash water consumption
- Reduced build up in mixer

SikaTard® Pak as stabiliser/retarder of fresh concrete (subject to local evaluation)

- Extended workability time
- Reduced wash water consumption
- Reduced build up in mixer

PRODUCT INFORMATION

Chemical Base	Carboxylic and phosphonic blend
Packaging	75 x 0.2 kg water soluble bags (in re-sealable, waterproof plastic pail)
Shelf Life	12 months from date of production if stored properly in undamaged containers.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.
Appearance / Colour	White powder
Bulk Density	0.9 kg/L
Total Chloride Ion Content	<0.10% w/w (chloride free)
Equivalent Sodium Oxide	<20 % w/w (alkali content)
Specific Advice	Effect on setting - Negligible (in concrete prepared from stabilised truck wash after 24 hours) Effect of dosing - Increased setting times (when added to fresh concrete)
Compatibility	Sika® Admixtures: Compatibility information available on request Cements: All cement combinations
Recommended Dosage	Mixerwash: <i>Overnight</i> - 1 bag per truck, <i>Weekend</i> - 2 bags per truck Retarder: Typical dosage 0.5-1 bag per cubic metre
Dispensing	SikaTard® Pak should be added directly to the truck or plant mixer

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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

DISPENSING

When used for truck washout, the mixer should be emptied of all concrete prior to commencing with the SikaTard® Pak mixerwash system.

- Add 200 litres of fresh water to the mixer (minimum 150 Litres)
- Add required number of SikaTard® Pak bags to the mixer
- Add coarse aggregate to mixer (~2000 kg)
- Turn mixer at full speed for a minimum of 2 minutes
- Run materials up and down the mixer 2-3 times to ensure all blades are coated
- Turn mixer at full speed for a minimum of 1 minute
- Stop the mixer with materials at the top of the mixer and park vehicle until required

Batching of next load

- Concrete produced/batched onto the SikaTard® Pak mix must contain a minimum of 300 kgs of CEM I per load.
- Ensure batch weights are adjusted to account for materials already in the mixer (eg. water and aggregates).
- Produce/batch concrete and deliver.
- For mixer drums greater than 8.0 m³, contact should be made with Sika Technical Services.

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.

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.

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