Product Data Sheet Edition 15/10/2014 Identification no: 02 14 06 01 100 0 000040 SikaTard[®] Pak

SikaTard[®] Pak

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	 Ready –mix truck mixerwash out (cement/aggregate) Stabilisation/retardation of fresh concrete (subject to local evaluation) 					
Characteristics / Advantages	 SikaTard[®] Pak as a mixerwash admixture(cement/aggregate): - 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) Reduced fresh concrete waste and associated cost Reduced wash water consumption Reduced build up in mixer 					

Product Data

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Form						
Appearance / Colours	White powder					
Packaging	75 x 0.200kg water soluble bags (re-sealable waterproof plastic pail)					
Storage Conditions / Shelf Life	12 months from date of production if stored properly in undamaged containers, in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.					
Technical Data						
Chemical Base	Blend of hydrocarboxylic acid and polyphosphonic salt					
Density	0.90 kg/l (at +20°C)					
pH Value	5.0 <u>+</u> 1.0					
Chloride Ion Content	<0.10% w/w (chloride free)					
Effect on Setting	Negligible (on concrete prepared from stabilised truck wash)					
Effect of Overdosing	Increased setting times					



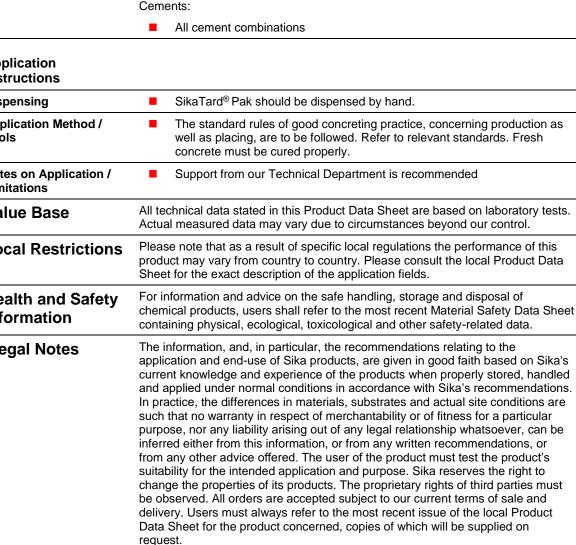
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Mechanical / Physical Properties

Compressive Strengths	SikaTard [®] Pak at 1 bag/m ³ concrete (350kg/m ³ cement content)									
							Compressive Strength (N/mm ²)			
	Cement Type	Admixture	Dose/ m ³	Consistence Class	Initial set (hrs:mins)	Final Set (hrs:mins)	24 hour	7 Day	28 Day	
	Cem I	Control SikaTard		80	03:00	04:00	18.5	47.0	59.0	
	Cem I	Pak	1 bag	90	05:00	07:00	20.0	49.0	63.0	
System										
Information										
Application Details	The mixer should be emptied of all concrete prior to commencing with the SikaTard® Pak mixerwash system. SikaTard® Pak truck mixerwash procedure									
	 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 (2 tonne) 									
	 Turn mixer at full speed for a minimum of 2 minutes 									
	Run materials up and down the mixer at least 5 times									
	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 on to 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 Limited Technical Services.									
Consumption / Dosage	Overnig			48 hours		70.1	nours			

	Limitations		
	Compatibility	Sika®	Admixtures:
		Cem	Compatibili ents:
			All cement
	Application Instructions		
	Dispensing		SikaTard [®]
	Application Method / Tools	•	The standa well as plac concrete m
	Notes on Application / Limitations		Support fro
	Value Base		chnical data s al measured o
	Local Restrictions	produ	se note that a uct may vary t for the exac
	Health and Safety Information	chem	nformation ar hical products hining physica
Cons	Legal Notes	applia curre and a In pra such purpo inferr from suital	nformation, a cation and er nt knowledge applied under actice, the dif that no warra ose, nor any l ed either fror any other ad bility for the ir ge the proper

Application Conditions /



Compatibility information available on request





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