

SikaPump[®]

Pumping Aid

Construction

Description	SikaPump [®] is a concrete pumping aid admixture for general use in unfavourable concrete mixes for the protection of concrete pumps. SikaPump prevents excessive wear of concrete pumps and improves output.
Uses	SikaPump [®] is especially useful for concrete mixes which could lead to segregation while pumping and increased pump pressure. Even secondary raw materials like crushed rock from excavations are more easily pumped with SikaPump.
Advantages	<ul style="list-style-type: none"> ▪ Improves the cohesiveness and lubrication of the fresh concrete, for pumping purpose. ▪ Discontinuous and jerky concrete pumping is avoided and output is greatly improved. ▪ Extends the working life of pumps and pipes.
Storage and Shelf Life	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 three (3) months.
Application	
Dosage	To reduce pump pressure and act as a replacement for a lack of fines in a concrete mix: 750-3000mls/m ³
Addition	Add SikaPump [®] after dosing of water. Never add to a dry mix. The optimum effect is reached after a wet mixing time of 90 seconds. SikaPump [®] slightly changes the viscosity of the concrete mix, but workability is not influenced.
Specification Type	SikaPump [®] meets and exceeds all requirements of AS 1478.1-2000. Special admixture Type (SN). Queensland Government Department of Main Roads approved.

Technical Data (Typical)

Form	Solution of polymer based viscosity control agents
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Colour	Light green
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Density (20°C)	1.0kg/litre approximately
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pH-value (20°C)	8.5 ± 1.0
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Chloride Content	No added chlorides
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TEA Content	Does not contain triethanolamine
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Air Entrainment	Does not affect air content
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Packaging	20 litre pail 205 litre drum Bulk deliveries
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Important Notes	<ul style="list-style-type: none"> ▪ Frozen SikaPump® can be reconstituted by slow thawing to room temperature and thorough mixing. ▪ SikaPump® is normally used in combination with Sikament superplasticiser. It can also be combined with other admixtures, without influencing the performance. To use combinations of these admixtures, site trials are recommended.
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Important Notification	<p>The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p>
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PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

