

SikaTard[®] 930

Set Stabilising Admixture

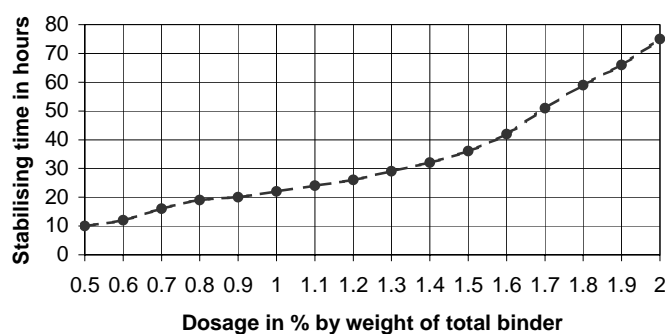
Construction

Description	SikaTard 930 is an admixture developed for the control of cement hydration. SikaTard 930 facilitates stabilisation of concrete mixes for long periods without negatively influencing their quality.
Uses	SikaTard 930 is mainly used in: <ul style="list-style-type: none"> • Wet and dry spray shotcrete applications. • Where the prevention of cement hydration of concrete is required. • Where mixed concrete requires stabilisation.
Advantages	<ul style="list-style-type: none"> • SikaTard 930 blocks cement hydration. • Does not contain chlorides or materials promoting steel corrosion. • Can be accelerated with Sigunit accelerators at any time without loss of quality.
Storage and Shelf Life	Stored at temperatures between 0°C and 35°C in unopened original containers protected from direct sunlight and frost, shelf life is at least one (1) year.
Application	
Dosage	Depending on the required retardation time, 250-2000 mls/100 kg of cement. Refer to chart overleaf.
Mixing	SikaTard 930 is added to the mix at the pre-mix plant together with the gauging water.
Application Method	Concrete produced with SikaTard 930 is transported by transmixers to the work site. During the shotcreting in the wet-process, Sigunit accelerator is added at the spray nozzle to initiate fast setting. In the dry spray shotcreting process, Sigunit accelerator is added at the nozzle.
Specification Type	SikaTard 930 meets and exceeds all requirements of Australian Standard 1478.1-2000 as Special Admixture Type (SN). Queensland Government Department of Main Roads approved.

Technical Data (Typical)

Form	Liquid solution of polycarbonic acid salts
Colour	Clear
Density (20°C)	1.11 kg/litre approx.
pH Value (20°C)	3.0 ± 0.5
Chloride Content	No added chlorides
TEA Content	Does not contain triethanolamine
Air Entrainment	May slightly increase air content
Packaging	20 litre pails 205 litre drums Bulk deliveries

Dosage Chart SikaTard-930 is normally used at dose rates between 250mls - 1800mls per 100kg by weight of cement. The following diagram shows approximate stabilisation times at various dosages:



This chart is recommended to be used as a guide only. Exact dosage should be determined by site trails, and advice from Sika Representative.

Important Notes

- SikaTard 930 can be used in conjunction with all Sigunit accelerators. Preliminary trials on site should be conducted to determine the required dosage rates.
- SikaTard 930 is generally suitable for all types of Portland Cement.

Important Notification

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.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

