

Plastiment® TM 25

Water Reducing and Set Retarding Concrete Admixture

Description	A concrete plasticizer specially designed for Roller Compacted Concrete (RCC) structures. Complies with A.S.T.M. C 494 Type B&D
Uses	Plastiment® TM 25 is used in structural and mass concrete where long setting times and improved workability are required, such as projects with: <ul style="list-style-type: none"> ■ Large pours, to prevent formation of cold joints in RCC dams etc. ■ Long travel times from the concrete plant to the site ■ Difficult placing conditions and details ■ High ambient temperature.
Advantages	<p>In Fresh state</p> <ul style="list-style-type: none"> ■ Initial setting is delayed allowing time for proper placement and compacting new layer over the retarded RCC, without cold joint. ■ Decrease the mortar of concrete bonding volume ■ Increase the time available to re compacting the concrete without damaging the material. After the initial set heavy transits can damage the newly hydrated RCC. ■ Increase of the cement efficiency ■ Diminish the rate of initial heat generation. <p>In hardened state</p> <ul style="list-style-type: none"> ■ Increase the mechanical strengths in any weather conditions. ■ Diminish the heat generation and the cracking risk. ■ Increase the density of the RCC
Product Data	
Base	Blend of organic substances
Form / Colour	Liquid / brown
Packaging	240 kg drum
Storage	Dry, cool, shaded place.
Shelf Life	Min. 1 year if stored properly in original unopened packaging
Technical Data	
Specific gravity	1.180 – 1.210 kg/lt
Chloride content	Nil
Dosage	0.5 – 2.5 ltr per 100 kg of cement
Application	
Compatibility	Possible to combine with all Sikament, Sika Aer, Sika Pump, Sikacrete PP1, but must be added separately to the mix and not pre-mixed prior addition.
Cement types	All Portland cement including sulfate resistant cement



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Dispensing	Plastiment® TM 25 is either added to the gauging water prior to its addition to the dry concrete mix or added separately to wetted concrete mix, further mixing should take place for at least 1 minute per m ³ .
Overdosing	When overdosed, setting time will be extended .
Notes on application/ limits	<p>Trial mixes are recommended to establish exact dosage rates required to suit individual requirements. If assistance is required, please contact the Sika Technical Service Department.</p> <ul style="list-style-type: none"> ■ Accurate dispensing equipment can be supplied by PT. Sika Indonesia ■ Use an appropriate mixer and do not mix by hand

Health and Safety Information

Ecology	Do not dispose into water
Transportation class	Non-hazardous
Waste disposal	According to local law
Precautionary measures	Avoid contact with foodstuffs and utensils. Avoid prolonged skin contact. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention immediately.

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 product 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.



PT. Sika Indonesia
 Jl. Raya Cibinong- Bekasi km. 20
 Limusnunggal- Cileungsi
 BOGOR 16820 - Indonesia
 Tel. +62 21 8230025
 Fax +62 21 8230026
 Website : www.sika.co.id
 e-mail: sikacare@id.sika.com

Branches
 Surabaya :
 Puri Niaga Blok G No. 29, Jl. Raya Rungkut Menanggal 11, Surabaya
 Tel : 031-8690202 ; Fax : 031-8682123
 Medan :
 Jl. Pancing / Jl. Willem Iskandar No.75 & 75 A, Kec. Medan Tembung
 Tel : 061- 6619500; Fax : (061) 6619400
 Batam :
 Jl. Laksamana Bintang, Komp. Bumi Riau Makmur Blok E No.3, Sungai Panas
 Tel : (0778) 424928; Fax : (0778) 450189

