



Plastiment® SD1

Compaction Aid and Strength Enhancer for Pre-Stressed Beams

Technical Data Sheet

DESCRIPTION

Plastiment SD1 is a liquid admixture, which is added to low cement content semi-dry concrete mixes. It is effective with lightweight, limestone and granite aggregates.

USES

Cost savings on block production.

ADVANTAGES

- * Contains a compaction aid, bringing a degree of concrete strength and consistency impossible to achieve prior to the introduction of this admixture
- * Greater degree of mobility of the concrete enables faster production cycle times
- * Higher strengths, especially in the first 24 hours - possibility to save cement and costs
- * Closer textured top and side surfaces are achieved
- * Easier compaction leads to faster production and much improved strength attainment characteristics
- * Extremely economical in use

Technical Data (typical)

Form:	Liquid
Colour:	Brown
Specific gravity:	1.035
Dosage % by wt of cement:	0.4 - 1.0
Air entrainment:	Slight
Chloride content % w/w:	Nil (ie less than 0.1% w/w)
Freezing point °C:	-1°C

All above values are approximate.



METHOD OF USE

Plastiment SD1 should be dispensed with the mix water into semi-dry concrete mixes.

DISPENSING

Because it is in liquid form, **Plastiment SD1** is simple to dispense into the concrete mix.

EFFECTS OF OVERDOSING

Slight retardation.

COMPATIBILITY

Plastiment SD1 is compatible with all **Sika** Admixtures.

IMPORTANT NOTES

The concrete's aesthetic quality, strength and durability are all enhanced by the use of **Plastiment SD1**.

PACKAGING

Refer to latest price list.

STORAGE AND SHELF LIFE

Minimum 1 year in sealed containers stored in dry warehouse conditions (+5°C - +25°C). Protect from frost.



Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

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 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 to our current terms of sale and delivery. 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 Sales Department for further information

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