



Plastiment® SD4

Early Age Accelerator and Strength Enhancer for Building Blocks

Technical Data Sheet

DESCRIPTION

Plastiment SD4 is a liquid admixture, which greatly assists compaction and facilitates the passage of the concrete through the production machinery. It contains a chloride containing accelerating admixture within the formulation, designed to improve the early age strength development of the concrete blocks.

USES

- * Contains a compaction aid, bringing a degree of concrete strength impossible to achieve prior to the introduction of this admixture
- * Greater degree of mobility of the concrete enables faster concrete placing times
- * Higher strengths, especially in the first 12 to 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 time efficient especially when the blocks are cast in an unheated building or egglays used outdoors.

ADVANTAGES

- * The concrete's aesthetic quality, strength and durability are all enhanced by the use of **Plastiment SD4**
- * Because it is in liquid form, **Plastiment SD4** is simple to dispense into the concrete mix
- * Generally, the concrete produced is less prone to damage from early age handling and can be bonded sooner.
- * Absorption and efflorescence are reduced with susceptible material sources.
- * There is less variation in strengths across the area of the mould box.

Technical Data (typical)

Form:	Liquid
Colour:	White/Opaque
Specific gravity:	1.17
Dosage % by wt of cement:	0.75 0.4 - 1.5 can be used
Freezing point °C:	-2°C

All above values are approximate.



METHOD OF USE

Plastiment SD4 should be dispensed with the mix water into semi-dry concrete mixes.

PACKAGING

Plastiment SD4 is supplied in 200 litre drums and in bulk.

STORAGE AND SHELF LIFE

Plastiment SD4 should be stored in dry conditions above 0°C in original sealed containers.

The shelf life of **Plastiment SD4** under these conditions is a minimum of 12 months.



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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