



Plastiment® SD5

Ultra High Cement Dispersion Admixture for Semi-Dry Concrete

Technical Data Sheet

DESCRIPTION

Plastiment SD5 is a new generation admixture which provides excellent high strengths for cement economies with the added benefit of improved appearance.

USES

- * Concrete roof tiles
- * Concrete pipes made semi-dry
- * Concrete paviers
- * Pre-stressed floor beams and any high cement content concrete made in a semi-dry format

ADVANTAGES

- * Cost effective
- * Excellent surface finish
- * Increased strength development
- * Greatly improved impermeability
- * Reduced shrinkage and reduced rate of carbonation
- * Does not contain chloride or other steel corrosion ingredients
- * Possible reduction of heating costs
- * Less vibration is required
- * Increased flexural and tensile strengths
- * Increased durability

Technical Data (typical)

Form:	Liquid
Colour:	Straw
Specific gravity:	1.1
Dosage % by wt of cement:	0.15 - 0.35
Chloride content % w/w:	Nil (ie less than 0.1% w/w)
Freezing point °C:	-2°C

All above values are approximate.



METHOD OF USE

Plastiment SD5 is added with the initial mixing water to achieve excellent dispersion.

COMPATIBILITY

Plastiment SD5 is compatible with all **Sika** Admixtures.

IMPORTANT NOTES

Plastiment SD5 should be added to the gauging water to ensure maximum dispersion.

PACKAGING

Plastiment SD5 is supplied in 25 litre and 200 litre containers. Bulk deliveries can be arranged.

STORAGE AND SHELF LIFE

Plastiment SD5 should be stored in dry conditions above 0°C in original sealed containers.

The shelf life of **Plastiment SD5** 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

SIKA LIMITED

Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ

Tel: 01707 394444 Email: sika@uk.sika.com

Fax: 01707 329129 www.sika.com

