



# Plastiment® SD16

## Plasticiser for Semi-Dry Concrete

### Technical Data Sheet

#### DESCRIPTION

**Plastiment SD16** is a liquid admixture specifically formulated for use in low cement content semi-dry mixes and is effective with all types of aggregate including furnace bottom ash.

**Plastiment SD16** is based on a blend of synthetic and refined natural admixtures which improve compaction and hydration without increase in water content

#### ADVANTAGES

- \* Manufactured under strict control using carefully selected raw materials.
- \* Efficient cement dispersion and hydration permits maximum economy.
- \* Increased 24 hour strength.
- \* Less prone to damage due to early age handling.
- \* Vibration and compaction are more efficient with consequent reductions in equipment wear.
- \* Absorption and efflorescence are reduced with susceptible mixes.

#### Technical Data (typical)

<b>Form:</b>	Liquid
<b>Colour:</b>	Brown
<b>Specific gravity:</b>	1.2 @ 20°C
<b>Dosage % by wt of cement:</b>	0.30 - 1.0
<b>Chloride content % w/w:</b>	Nil (ie less than 0.2% w/w)
<b>Freezing point °C:</b>	-1°C

All above values are approximate.



## METHOD OF USE

**Plastiment SD16** is supplied ready for use and should be added with the mixing water. Mixing time is unchanged.

## COMPATIBILITY

**Plastiment SD16** is compatible with all **Sika** Admixtures.

## PACKAGING

**Plastiment SD16** is supplied in 25 litre and 200 litre containers. Bulk deliveries can be arranged.

## STORAGE AND SHELF LIFE

**Plastiment SD16** should be stored in dry conditions above 0°C in original sealed containers.

The shelf life of **Plastiment SD16** 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](mailto:sika@uk.sika.com) Fax: 01707 329129 [www.sika.co.uk](http://www.sika.co.uk)

