



# Plastiment® SD10

## Universal Admixture for Cast Stone Production

### Technical Data Sheet

#### DESCRIPTION

**Sika Plastiment SD10** is a liquid admixture, enabling any pigments used in the concrete to disperse more efficiently, greatly assisting compaction to be facilitated and acting as a permeability reducer.

#### USES

- \* Improved - colour intensity - possibility to reduce pigment contents when used
- \* Greater degree of impermeability of the concrete
- \* Higher strengths, especially in the first 24 hours - possibility to save cement and costs
- \* Contains a compaction aid, enabling closer textured surfaces to be achieved
- \* Easier compaction leads to faster production and much improved strength attainment characteristics
- \* Reduced incidence of efflorescence

#### BENEFITS

- \* Concrete quality, colour intensity, strength and durability are all enhanced by the use of **Sika Plastiment SD10**
- \* Because it is in liquid form, **Sika Plastiment SD10**, is simple to dispense into the concrete mix.

#### Technical Data (typical)

<b>Form:</b>	Liquid
<b>Colour:</b>	Light brown
<b>Specific Gravity:</b>	1.035
<b>Dosage % by Wt of cement:</b>	0.4 - 1.0% by weight of cementitious materials
<b>Chloride Content % w/w:</b>	Nil (ie less than 0.1% w/w)
<b>Freezing point °C:</b>	-2°C

All above values are approximate.



## METHOD OF USE

**Sika Plastiment SD10** should be dispensed with the mix water into semi-dry concrete mixes.

## STORAGE AND SHELF LIFE

**Sika Plastiment SD10** should be stored in dry conditions above 0°C in original sealed containers.

The shelf life of **Sika Plastiment SD10** 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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