



Sikaproof® L1

Concrete Colour Intensifier

Technical Data Sheet

DESCRIPTION

Sikaproof L1 is a liquid waterproofer for use in all types of mortar and concrete to reduce permeability and absorption, and to impart water repellent properties. It is particularly suitable for use in precast products such as cast stone and concrete masonry blocks, as well as in-situ concrete.

ADVANTAGES

- * Improved impermeability and absorption characteristics, whilst still allowing the concrete to breathe.
- * Greater degree of colour enhancement in pigmented concrete
- * Higher strengths when used in semi-dry concrete
- * Better resistance to freeze thaw cycles
- * Easier compaction leads to faster production and less wear on the production machinery
- * Reduced incidence of efflorescence
- * Permanent effect as the concrete weathers and ages

BENEFITS

- * Concrete quality, colour intensity, strength and durability are all enhanced by the use of **Sikaproof L1**
- * Because it is in liquid form, **Sikaproof L1**, is simple to dispense into the concrete mix.

Technical Data (typical)

Form:	Liquid
Colour:	White
Specific gravity:	1.03
Dosage % by Wt of cement:	0.4 - 1.0%
Chloride content: % w/w:	Nil (ie less than 0.1% w/w)
Freezing point °C:	-0°C

All above values are approximate.



METHOD OF USE

Sikaproof L1 should be dispensed with the mix water into the concrete mix.

PACKAGING

Sikaproof L1 is supplied in 25 litre tubs and 200 litre drums. Bulk deliveries can be arranged.

STORAGE AND SHELF LIFE

Sikaproof L1 should be stored in sealed containers between 5°C and 30°C and protected from frost. Under these conditions the shelf life is 1 year minimum.



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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