



Sika® Impress

An admixture permitting the reduction of cement content and manufacturing times in hydraulically pressed products

Technical Data Sheet

DESCRIPTION

Sika Impress is a one part product for use in hydraulically pressed concrete products. It does not affect the water content of the mix, but makes more efficient use of the cement and speeds up the production cycle of the manufacturing process.

USES

Sika Impress has been especially formulated for use in hydraulically pressed concrete products.

ADVANTAGES

- * Cement reductions of 10% - 15% are possible without loss of performance in terms of strength, durability and absorption.
- * Reduction in pressing times of 15% - 25% enable the reduction of wear and tear, whilst significantly improving the production levels obtained from each press.

Technical Data (typical)

| | |
|----------------------------------|------------|
| Colour: | Purple |
| Density: | 1.087 |
| pH: | 9.0 |
| Dosage % by Wt of cement: | 0.5 - 1.5% |

All above values are approximate.



METHOD OF USE

The admixture should be added to the concrete during the water addition phase of the mixing process. On no account should it be added to the dry cement. Generally, the admixture will have no effect on the amount of water addition, nor will it affect the workability of the concrete produced.

DOSAGE RANGE

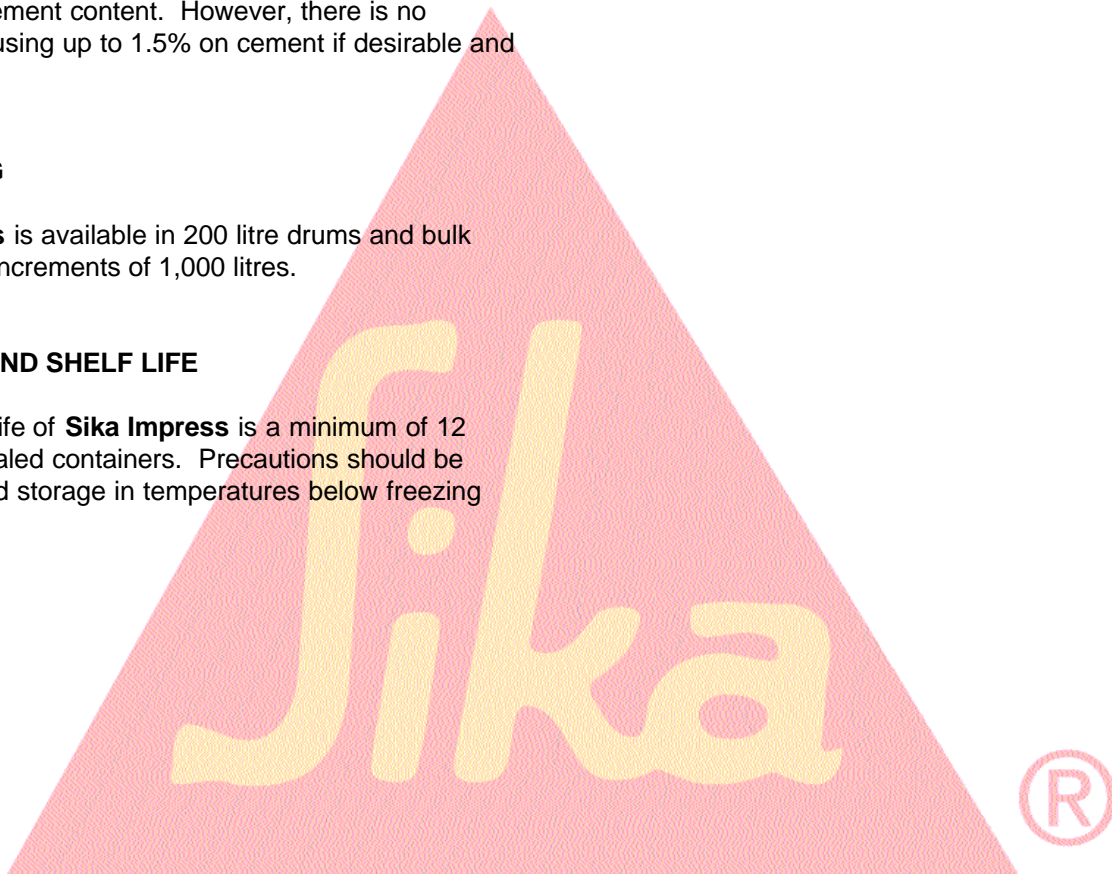
The normal dosage to achieve the benefits shown above is 0.5% on cement content. However, there is no detriment to using up to 1.5% on cement if desirable and required.

PACKAGING

Sika Impress is available in 200 litre drums and bulk deliveries in increments of 1,000 litres.

STORAGE AND SHELF LIFE

The storage life of **Sika Impress** is a minimum of 12 months in sealed containers. Precautions should be taken to avoid storage in temperatures below freezing point.



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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