



Sika® H170

Multi-Functional Readymix Admixture

Technical Data Sheet

DESCRIPTION

Sika H 170 is a multi-functional plasticising admixture that can be used at all Readymixed concrete plants in the UK.. **Sika H 170** is based on state of the art Polycarboxylate polymer technology providing the user with many uses and applications.

Complies with EN 934 Part 2 Table 3.1/3.2 - High Range Water Reducing/Superplasticising Admixtures.

USES

- * Standard water reducing admixture
- * High range water reducing admixture
- * Superplasticising admixture for flowing or self placing concrete or as a powerful WRA for high early strength concrete

ADVANTAGES

- * Multi functional
- * Excellent slump retention
- * High early strengths
- * Rheology improver
- * Cost effective

Technical Data

Form:	Liquid
Colour:	Pale Straw
Relative Density @ 20°C:	1.06
Dry Material Content %:	30
Dosage % by Wt of Cement:	0.2-1.5
pH Value:	4.5
Water Soluble Chloride Content %:	<0.1 Chloride free
Equivalent Sodium Oxide as Na₂O:	0.30

Above data provided as manufacturers stated values in accordance with EN 934-2 General Requirements.



METHOD OF USE

In order to obtain the best results, **Sika H 170** should be added with the mixing water and thoroughly mixed into the concrete.

DISPENSING

Calibrated equipment should always be used.

EFFECTS OF OVERDOSING

Substantial overdosing may cause retardation.

COMPATIBILITY

Cements: All

IMPORTANT NOTES

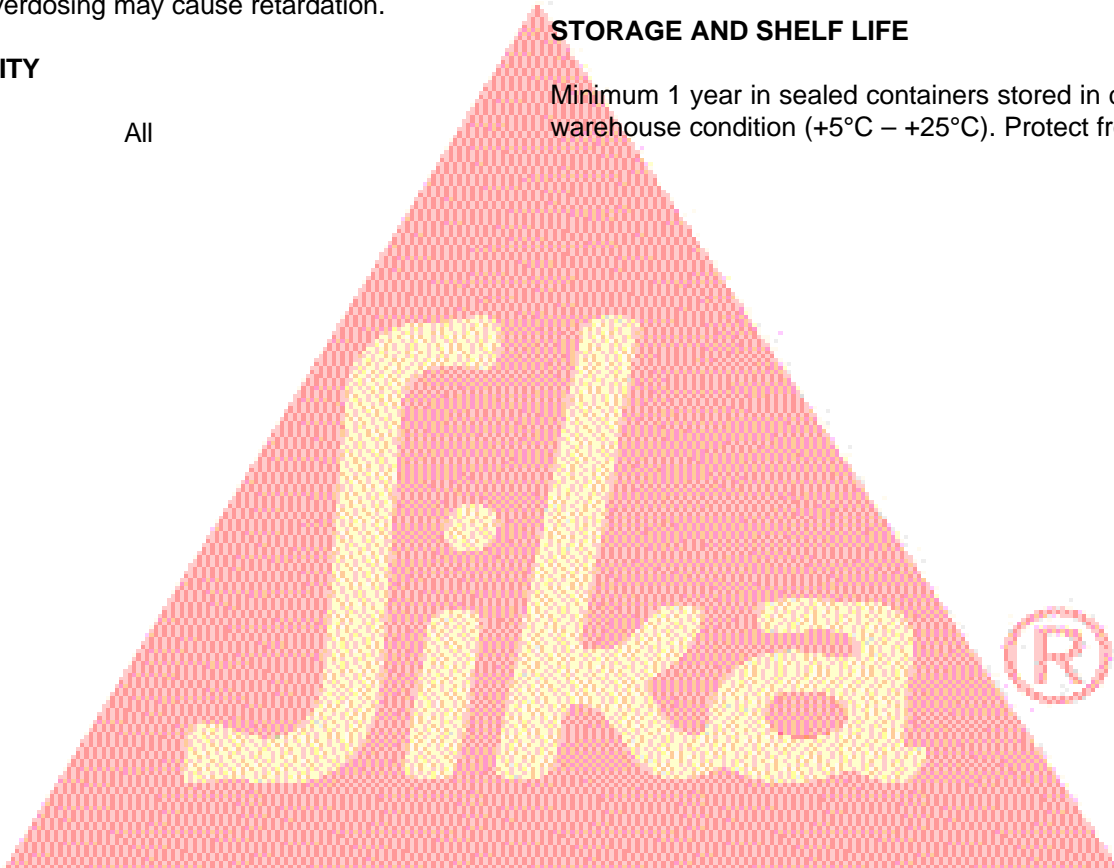
Sika always recommend that trial mixes should be carried out to determine most effective dose and assistance is available from the Sika Technical Service team.

PACKAGING

Sika Sika H 170 is supplied in 25 litre drums and 200 litre drums. Bulk deliveries can be arranged.

STORAGE AND SHELF LIFE

Minimum 1 year in sealed containers stored in dry warehouse condition (+5°C – +25°C). Protect from frost.



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.co.uk

