



Sika® FerroGard® 901

Corrosion Inhibitor Admixture for Concrete

Technical Data Sheet

DESCRIPTION

Sika FerroGard 901 is a liquid concrete admixture based on modified amino alcohol FerroGard technology. It acts as a corrosion protection for rebars embedded in concrete.

USES

- * **Sika FerroGard 901** is especially suitable for reinforced concrete subjected to moderate high risk of corrosion. It specifically protects from chloride induced corrosion.
- * Fields of application are:—
 - * Marine structures
 - * Concrete Roads
 - * Bridges
 - * Tunnels
 - * Retaining Walls
 - * Industrial Plants
 - * Parking Decks in MS Car Parks
 - * Buildings

ADVANTAGES

- * Delays the onset of corrosion
- * Acts as corrosion protection for embedded steel
- * Protects concrete from destructive influences of corrosion
- * Does not negatively affect the properties of fresh or hardened concrete
- * **Sika FerroGard 901** is a combination of organic and inorganic inhibitors and therefore multifunctional
- * Can be used with superplasticisers
- * Extends the service life of structures
- * Non toxic

Technical Data (typical)

Form:	Liquid
Colour:	Green
Specific Gravity:	1.06
pH:	10
Chloride Content	Nil

All above values are approximate.



METHOD OF USE

Integral within the concrete and can be used with a Sikament Superplasticiser to produce an enhanced durable concrete.

DOSAGE

The dosage rate of **Sika Ferrogard 901** is between 3-4% by wt of cement. If additional admixtures are to be incorporated in the mix, the optimum dosage rate will be found after initial site trials.

DISPENSING

Sika FerroGard 901 should be added with the mixing water. Mixing time 1 minute per metre.

COMPATIBILITY

Sika Admixtures: All
Cements: All

IMPORTANT NOTES

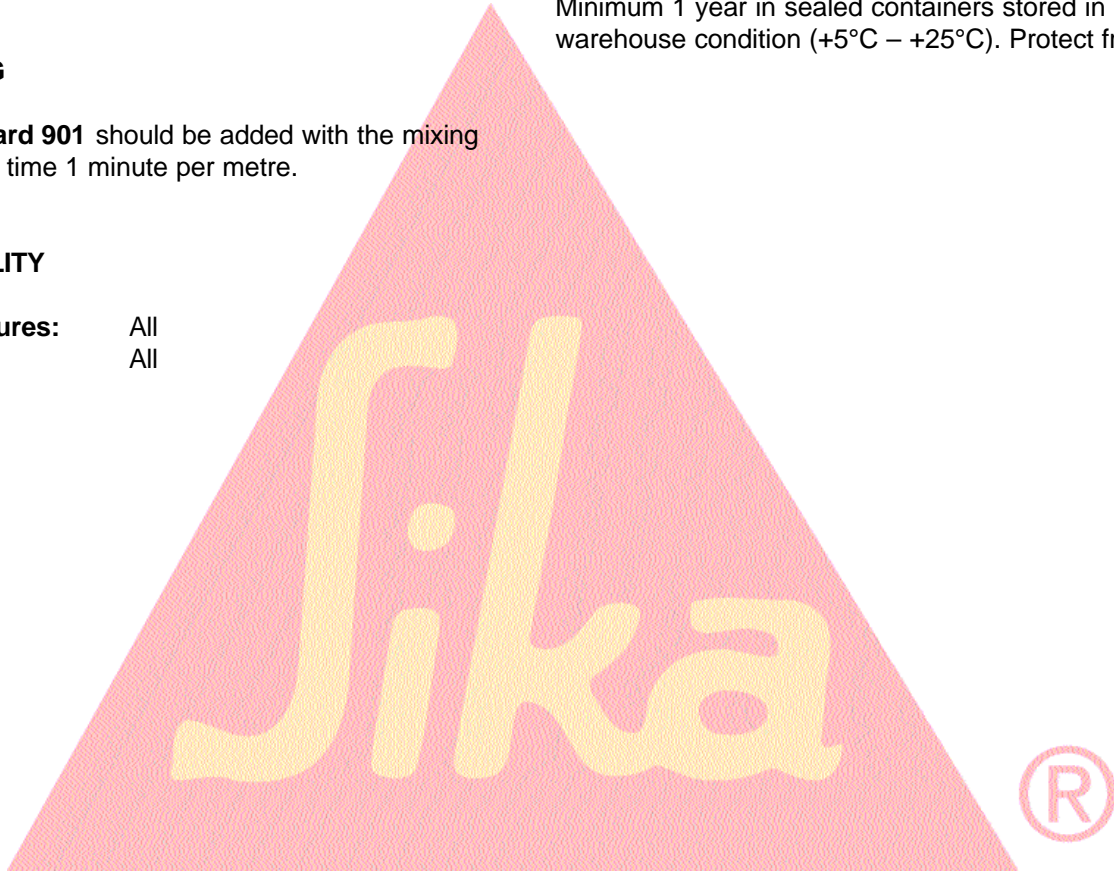
Technical support with regard to dosage and mix design can be provided on request.

PACKAGING

Refer to latest price list

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.com

