



# Icoment<sup>®</sup> 505 Additiv

A Liquid Additive for Icoment Concrete Repair Products

## Technical Data Sheet

### DESCRIPTION

**Icoment 505 Additiv** is a combination of minerals and a cement-reactive polyacrylate copolymer resin dispersion reinforced with mineral fibres, plasticisers and water-retaining substances.

Technical Data (typical)	
<b>Colour:</b>	White
<b>Specific Gravity:</b>	1.25 kg/litre

### USES

For mixing with water to produce a gauging liquid for **Icoment 501** bonding bridge and **Icoment 504** concrete repair mortar.

### ADVANTAGES

- \* Only requires mixing with water.
- \* Reduces water cement ratio.
- \* Improves workability.
- \* Reduces shrinkage.
- \* Increases density.
- \* Reduces permeability.
- \* Improves tensile and compressive strengths.
- \* Reduces risk of efflorescence.
- \* Does not contain chlorides.



## MIXING

### Gauging liquid:

Stir **Icoment 505 Additiv** thoroughly. Dilute the **Icoment 505 Additiv** with water 1:1 by volume and stir the mixture thoroughly.

## IMPORTANT CONSIDERATIONS

- \* Always stir before use.
- \* Only use clean potable water for gauging liquid.
- \* Do not combine with other additives.
- \* Do not use in freezing conditions.

## PACKAGING

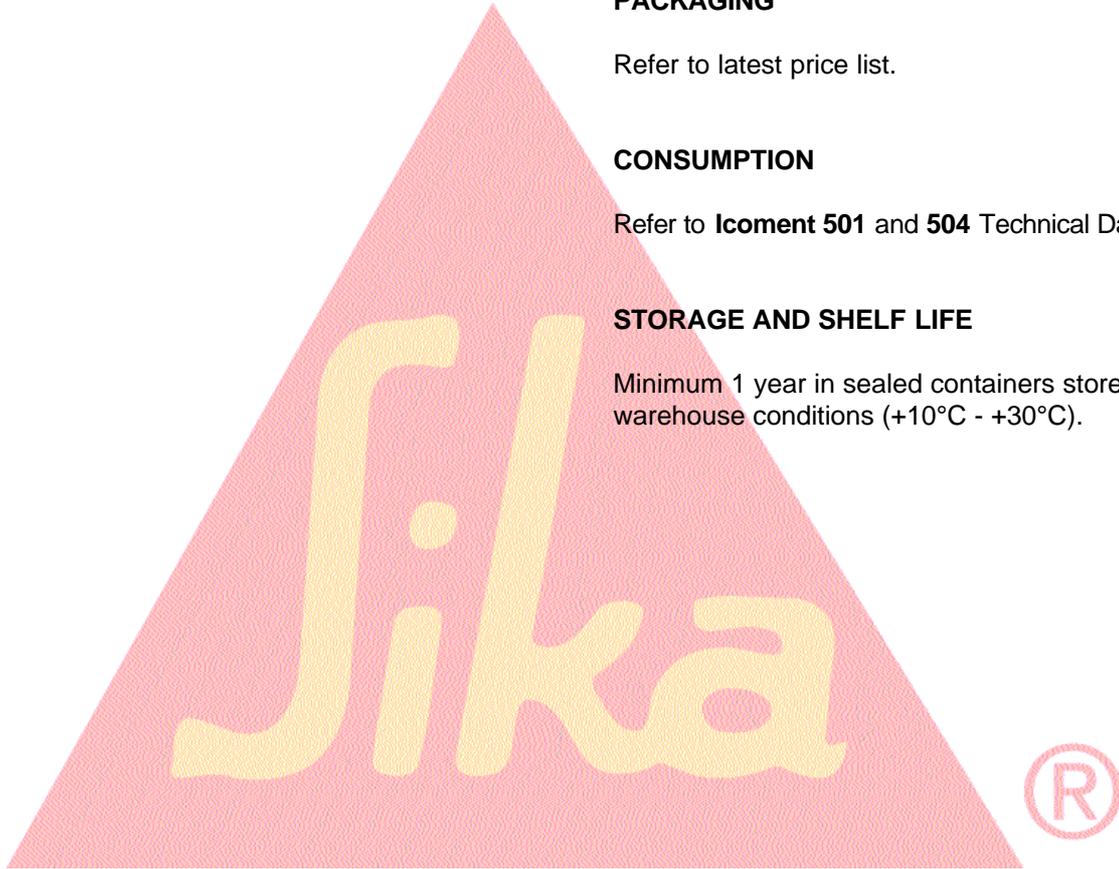
Refer to latest price list.

## CONSUMPTION

Refer to **Icoment 501** and **504** Technical Data Sheets.

## STORAGE AND SHELF LIFE

Minimum 1 year in sealed containers stored in dry warehouse conditions (+10°C - +30°C).



### 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](mailto:sika@uk.sika.com)

Fax: 01707 329129 [www.sika.com](http://www.sika.com)

