



Sika[®] UCS Powder

Stabiliser for Concrete and Grout

Technical Data Sheet

DESCRIPTION

Sika UCS is a concrete and mortar admixture used to create thixotropic anti bleed properties in concrete and mortars. Sika UCS prevents the washout of cements and binders in water bearing ground conditions.

USES

- * **Sika UCS** can be used in annulus grouts or concrete to be placed underwater. It is compatible with most Sika products for concrete and mortars.

ADVANTAGES

- * Greatly increased cohesion
- * Extended workable life
- * Reduced bleed and segregation
- * Excellent anti washout properties

Technical Data (typical)

Form:	Powder
Colour:	Buff
Specific Gravity:	0.33
Dosage % by Wt of Cement:	0.3–1.0%
Chloride Content % w/w:	Nil (less than 0.01% wt/wt)
Freezing Point °C:	-1°C

All above values are approximate.



METHOD OF USE

Sika UCS (concretes or grouts) should be pumped or tremmied into the placement area. Spillage on a wet surface can cause slipperiness. Clean up or wash down any spillage immediately. When used as an anti washout agent for underwater concrete the normal recommendations for mix design should be followed.

DISPENSING

Depending on the desired effect, type of cement and mix design, the normal dosage is between 0.5% and 1.5% by weight of cement. The powder should be distributed onto the dry aggregates or cement. Thorough mixing is essential and mixing times are normally 50% longer than for a similar mix without **Sika UCS**.

COMPATIBILITY

Sika Admixtures: All
Cements: All

IMPORTANT NOTES

Please use a Superplasticising admixture from the **Sikament®** range to boost performance

PACKAGING

Refer to latest price list

STORAGE AND SHELF LIFE

Sika UCS should be stored in dry warehouse conditions between 5°C and 30°C. Under these conditions the product will have a minimum shelf life of 6 months. Damp or wet storage conditions will cause caking and make the product unusable.



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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