

## PRODUCT DATA SHEET

# Sika® Stabilizer-400 TWR

Water Retaining Admixture and Stabiliser for Concrete

### PRODUCT DESCRIPTION

Sika® Stabilizer-400 TWR is a water-retaining and stabilising admixture, ideally suited for use in flowing concrete and screed products.

### USES

Sika® Stabilizer-400 TWR is used in ready mixed concrete and flowing screeds

### CHARACTERISTICS / ADVANTAGES

Benefits include:

- Reduction in rate of surface water evaporation from plastic concrete and screed
- Increased cohesion
- Reduced shrinkage

### APPROVALS / STANDARDS

Conforms to the requirements of BS EN 934-2+A1:2012, Table 4.  
DOC 50937372, certified by Factory Production Control Body 0120 and provided with the UKCA mark

### PRODUCT INFORMATION

<b>Packaging</b>	Supplied in 200g water soluble bags, 25 bags per tub
<b>Appearance / Colour</b>	White powder
<b>Shelf Life</b>	2 years from date of manufacture when stored correctly in sealed containers.
<b>Storage Conditions</b>	Product must be stored sealed in its container, protected from moisture ingress. Storage temperatures should be between +1°C and 30°C. Avoid storage in direct sunlight.
<b>Bulk Density</b>	0.725 kg/L
<b>Total Chloride Ion Content</b>	<1.5 % w/w

### APPLICATION INFORMATION

<b>Recommended Dosage</b>	Typical dose is 1 x 200g bag per cubic metre. This may vary depending upon specific mix design and should be verified by trial.
<b>Compatibility</b>	Sika® Stabilizer-400 TWR is compatible with plasticisers and superplasticisers. Specific advice is available upon request.

## Dispensing

Sika® Stabilizer-400 TWR should ideally be added to the aggregate belt prior to batching. If this is not possible then the material should be added to the truck mixer prior to the addition of other materials. Sika® Stabilizer-400 TWR should not be added as the last ingredient directly into a mixer truck.

## VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## FURTHER DOCUMENTS

Sika® Stabilizer-400 TWR may cause a mottled effect on the surface of young concrete, this will fade as the concrete cures.

## LIMITATIONS

Please consult the product safety data sheet before use and ensure correct PPE is used during handling. For technical advice and guidance on concrete mix design, please contact our Technical Services Department.

## ECOLOGY, HEALTH AND SAFETY

### REGULATION (EC) NO 1907/2006 - REACH

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## LEGAL NOTES

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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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### Product Data Sheet

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