

PRODUCT DATA SHEET

SikaControl® WT-200 P (IN)

WATER RESISTING AND CRYSTALLINE WATERPROOFING CONCRETE ADMIXTURE

DESCRIPTION

SikaControl® WT-200 P (IN) is a combined water resisting and crystalline water proofing admixture used to reduce permeability of concrete and has the ability to heal the cracks.

USES

SikaControl® WT-200 P (IN) has been specifically formulated to produce high quality waterproof concrete. SikaControl® WT-200 P (IN) can be used in any below/ in / above ground watertight structures such as:

- Tunnels
- Subway Stations
- Bridges
- Water tanks
- Dams & Reservoirs
- Water treatment plants
- Basements
- Foundations

CHARACTERISTICS / ADVANTAGES

SikaControl® WT-200 P (IN) reduces ability of concrete to conduct water flow. It has unique active chemicals, which react with the moisture within the concrete and with various products of the cement hydration process. As a result of this reaction insoluble crystalline compounds are created throughout the entire capillary system. Over time crystalline formations reduce the size of the capillary pores until they are completely blocked and water flow is stopped.

SikaControl® WT-200 P (IN) in water tight concrete application can result in:

- Uniform water proofing throughout the entire concrete volume
- No leakage due to surface damage
- Reduced water penetration under pressure
- Enhancement of self-healing properties of concrete

APPROVALS / CERTIFICATES

ACI 212

PRODUCT INFORMATION

Composition	Minerals and additives
Packaging	20kg and 25kg bag
Appearance / Colour	Off white to grey powder
Shelf life	12 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage conditions	Store in dry conditions at temperatures between +10°C and +40°C. Protect from direct sunlight and frost.
Bulk Density	~ 0.8 g/cc at 25°C

SYSTEMS

Compatibility	SikaControl® WT-200 P (IN) is compatible with most admixtures manufactured to IS & ASTM Specifications, most cements & pozzolans.
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APPLICATION INFORMATION

Recommended Dosage

0.8% to 2% by weight of cementitious.

Actual dosage to be finalised on the basis of site trials.

APPLICATION INSTRUCTIONS

DISPENSING

Add the correct amount of SikaControl® WT-200 P (IN) during mixing process at the batch plant.

BASIS OF PRODUCT DATA

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.

LOCAL RESTRICTIONS

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

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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
SikaControl® WT-200 P (IN)
May 2020, Version 01.01
021403011000000160

SikaControlWT-200PIN-en-BD-(05-2020)-1-1.pdf

