

PRODUCT DATA SHEET

SikaControl®-730 WT HPI

(formerly MasterPel® 730)

Hydrophobic pore- blocking ingredient for watertight concrete

DESCRIPTION

SikaControl®-730 WT HPI is a hydrophobic pore-blocking ingredient (H.P.I) for concrete. It significantly reduces water absorption of concrete.

SikaControl®-730 WT HPI is a chloride free organic admixture and supplied as a colourless, clear to slightly cloudy viscous liquid. It reacts with the cement hydration process to form a hydrophobic ingredient to reduce the capillary suction and prevent the ingress of potentially deleterious soluble material, resulting in concrete with enhanced durability.

USES

SikaControl®-730 WT HPI is suitable for any concrete structure, which requires water tightness, such as:

- Basement walls and floors
- Tunnels / underpass
- Foundations, piles and pile caps
- Water retaining structures, swimming pool, water tanks, reservoirs, water towers
- Land drainage, manholes
- Reinforced concrete in marine environment subject to tidal and wet / dry cycling
- Waste water treatment and desalination plant

CHARACTERISTICS / ADVANTAGES

- Increased durability and water tightness
- Protection is maintained throughout the concrete matrix
- Environment friendly
- Compatible with surface coatings and finishes

APPROVALS / STANDARDS

EN 934-2 Table 9

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Packaging | SikaControl®-730 WT HPI is available in 20 & 210 litre drums. |
| Shelf life | 12 months from date of production |
| Storage conditions | Store in dry conditions at temperatures above +5°C. Protect from direct sunlight and frost. |
| Colour | Free flowing liquid |
| Density | 1.02 ± 0.02 at 25°C |
| pH-value | 12.5±1 |

APPLICATION INFORMATION

| | |
|---------------------------|---|
| Recommended Dosage | The optimum dosage for SikaControl®-730 WT HPI to meet a specific requirement should always be determined by trial mixes. Recommended dosage is 1.0 to 2.0 litres per 100 Kg of cement. Other dosages may also be used depending on the specific requirements. Contact your local Sika representative for assistance in determining dosage. |
| Compatibility | The Compatibility of SikaControl®-730 WT HPI with admixtures have to be checked prior to use. Type A & F admixtures are recommended to be used however please consult local Sika representative. |

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.

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.

APPLICATION

SikaControl®-730 WT HPI should be added separately to the initial batching water to ensure complete distribution throughout the mix. Use only drinkable water – do not use sea water, bore water or water containing a high dissolved mineral of content, for mixing concrete. Based on the quantity of SikaControl®-730 WT HPI added, reduce an equal amount of water from the mix.

Curing

Like all cementitious product, concrete made with SikaControl®-730 WT HPI must be protected against rapid drying due to high temperature and /or strong wind. The use of wet burlap, plastic sheets or a curing compound is highly recommended.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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.

Sika India Pvt. Ltd.
620, Diamond Harbour Road
Commercial Complex II
Kolkata - 700 034
West Bengal, India

Contact:
Phone: +91 33 2447 2448
Fax: +91 33 2397 8688
info.india@in.sika.com
www.sika.in



Product Data Sheet
SikaControl®-730 WT HPI
July 2024, Version 02.01
02140500000002015

SikaControl-730WTHPI-en-IN-(07-2024)-2-1.pdf

