

PRODUCT DATA SHEET

Sika® WT-138 LMY

WATER RESISTING AND HYDROPHOBIC WATERPROOFING CONCRETE ADMIXTURE

DESCRIPTION

Sika® WT-138 LMY is an integral waterproofing admixture for concrete and mortar. Sika® WT-138 LMY greatly reduces permeability to concrete through hydrophobic actions, thereby improving the waterproofing properties.

USES

Sika® WT-138 LMY has been specially formulated to produce good quality watertight concrete.

Sika® WT-138 LMY can be used for the following:

- Water retaining structures
- Below ground structures
- Swimming pools
- Lift pits
- Tunnels
- Basements
- Parking garages
- Utility / Plant rooms
- Dams
- Waste water treatment structures
- Underground commercial facilities

CHARACTERISTICS / ADVANTAGES

- Reduces water absorption*
- Reduces water penetration*

*When compared to control mixes

PRODUCT INFORMATION

Packaging	▪ 20 L pail
Appearance / Colour	White liquid
Shelf Life	12 months from date of production
Storage Conditions	Store in unopened and undamaged original sealed containers, protected from moisture at temperatures between +5 °C and +35 °C. Keep away from direct sunlight and rain.

APPLICATION INFORMATION

Recommended Dosage	1 % by weight of cement For effective waterproofing, the recommended minimum cement content is 330 kg/m ³ and the maximum water-cement ratio is 0.55
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Compatibility	Sika® WT-138 LMY is compatible with all types of Portland cement and blended cements. However, preliminary plant trials are recommended if Sika® WT-138 LMY is dispensed together with other admixtures.
Dispensing	Mix Sika® WT-138 LMY thoroughly before use. Sika® WT-138 LMY should be dispensed directly into the mixing water prior to its addition to other concrete components such as coarse aggregates, sand and cement. Sika® WT-138 LMY can also be directly dispensed into fresh concrete. Do not add Sika® WT-138 LMY directly to dry cement.
Equipment	Sika® WT-138 LMY should be dispensed through a suitable calibrated dispenser

IMPORTANT CONSIDERATIONS

- Ambient conditions at site (temperature, humidity and wind) and the components of concrete may affect the setting time, compressive strength and permeability of concrete. Therefore, it is recommended that plant trials be carried-out to determine and address these parameters before actual pour.
- When dispensing Sika® WT-138 LMY into fresh concrete, ensure the fresh concrete is mixed until Sika® WT-138 LMY is distributed homogenously into it.
- For plant trials, the recommended minimum quantity of concrete is 2 m³.

Please contact Sika's Technical Service Department for assistance in plant trials.

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 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.

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 Safety Data Sheet (SDS) 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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