

PRODUCT DATA SHEET

Sika® PerFin-2

CONCRETE SURFACE ENHANCING ADMIXTURE

DESCRIPTION

Sika® PerFin-2 is a liquid concrete admixture for reducing entrained and entrapped air, resulting in improved concrete density and off-form finish.

USES

Sika® PerFin-2 is used for the production of high quality fair faced and architectural concrete for all of the following:

- structural concrete
- precast concrete
- concrete with high aesthetic demands
- pre-stressed and post-tensioned concrete

CHARACTERISTICS / ADVANTAGES

With the application of Sika® PerFin-2, entrained or entrapped air is significantly reduced.

Sika® PerFin-2 provides the following advantages:

- improved concrete off-form finish
- improved concrete density and durability
- enhanced concrete smoothness
- no negative effects on the fresh or hardened concrete properties

The performance of Sika® PerFin-2 is affected by concrete mix design, fresh concrete properties and mould release agent.

APPROVALS / CERTIFICATES

Sika® PerFin-2 meets the requirements of the standard AS1478.1:2000 , Special type neutral set (SN) .

PRODUCT INFORMATION

Packaging	1000 litre IBC 10 litre container
Appearance / Colour	Colourless clear liquid

Shelf life	Stored at temperatures between 5°C and 35°C in unopened original containers protected from direct sunlight and frost, shelf life is at least one (1) year. If frozen and/or if precipitation of the product has occurred, Sika® PerFin-2 may be used after thawing slowly at room temperature and intensive mixing.
Storage conditions	Store at temperature between 5° and 35° , protected from the direct sunlight.
Specific Gravity	1.0 g/cm ³
Recommended Dosage	Sika suggest a dose range of 500-2000 ml per cubic metre. Dose rate is dependent on many factors and should be determined by full scale trial mixes.
Dispensing	Sika® PerFin-2 is added to the gauging water. To achieve the optimum reduction of blowholes a minimum wet mixing time of 60 seconds per cubic metre is recommended. Sika® PerFin-2 shall not be added to dry cement.

IMPORTANT CONSIDERATIONS

The standard rules of good concreting practice, production and placing are to be followed. Laboratory trials shall be carried out before concreting on site, especially when using a new mix design or producing new concrete components. The performance of Sika® PerFin-2 is affected by concrete material selection, admixture combinations, concrete mix design, ambient conditions, pouring practice and type of mould release agent.

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 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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