

PRODUCT DATA SHEET

Sikament[®]-2 NN MY

High range water-reducing concrete admixture

DESCRIPTION

Sikament[®]-2 NN MY is a highly effective liquid superplasticiser for the production of plastic concrete or as a water-reducing agent for promoting early and ultimate strengths.

Sikament[®]-2 NN MY is chloride free according to BS 5075 and is compatible with all types of Portland Cement including Sulphate Resistant Cement (SRC).

USES

Sikament[®]-2 NN MY is used as a superplasticiser in the production of plastic concrete for:

- Slabs and foundations
- Walls, columns and piers
- Slender components with densely packed reinforcements
- Textured surface finishes

Sikament[®]-2 NN MY is also used as a water-reducing agent leading to early and ultimate strength concrete for:

- Ready mixed concrete
- Prestressed concrete
- Bridges and cantilever structures

CHARACTERISTICS / ADVANTAGES

As a superplasticiser:

- Workability is improved
- Increased placeability in slender components with packed reinforcements
- Supports placing
- Normal set without retardation
- Reduces the risk of segregation

As a water-reducer:

- Water reduction up to 20 % depending on dosage*
- 16 hour compressive strengths increased*
- 28 days strengths improved*

*(this will depend on dosage and mix design)

PRODUCT INFORMATION

Composition	Naphthalene Formaldehyde Sulphonate
Packaging	<ul style="list-style-type: none"> ▪ 208 L drum ▪ 1 000 L tank
Appearance / Colour	Dark brown liquid
Shelf Life	12 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Keep away from direct sunlight.

APPLICATION INFORMATION

Recommended Dosage

Sikament®-2 NN MY can be used at the rate of 300–1 600 ml per 100 kg of cement depending on requirements concerning workability and strength. It is recommended that trial mixes be conducted to determine the exact dosage rate required.

Note:

For specific requirements, please refer to our Technical Service Department.

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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

DISPENSING

Sikament®-2 NN MY shall be dispensed neat into the premixed concrete after all the other concrete components, including total water, have been discharged into the panmixer or truck mixer. Do not dilute Sikament®-2 NN MY.

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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