

PRODUCT DATA SHEET

Sikanol® M (NZ)

CONCENTRATED PLASTICISER FOR MASONRY MORTAR

DESCRIPTION

A liquid, ready to use air entrainer and plasticiser that improves the cohesion and workability of masonry mortars and renders.

USES

Sikanol® M (NZ) is ideal for use in all types of mortars for blockwork, brickwork and external roughcast or plastering applications. Sikanol® M (NZ) is suitable for use with all types of Portland cements and lime.

CHARACTERISTICS / ADVANTAGES

- Sikanol® M (NZ) is very economical and convenient to use.
- Sikanol® M (NZ) reduces the surface tension of water, allowing it to blend more thoroughly and effectively throughout the mortar to achieve a more consistent mix.
- Plasticity, workability and cohesion of the mortar are significantly improved by the entrainment of evenly dispersed micro bubbles of air throughout the mix.
- Under normal conditions, a noticeable increase in the sand : cement ratio can be achieved without any loss of cohesion, resulting in a reduction of cement used.
- The use of Sikanol® M (NZ) means that the water content of the mix can be reduced. This can lead to increased compressive strength and adhesion.
- Sikanol® M (NZ) can also be used in cement/lime mixes if desired.

PRODUCT INFORMATION

Chemical Base	Water soluble liquid based on a synthetic chemical blend
Packaging	20 litres and 200 litres
Appearance / Colour	Straw coloured liquid
Shelf Life	Twelve (12) months from date of manufacture if stored as stated.
Storage Conditions	Store in unopened, original containers free from frost and below +25°C.
Density	~ 1.01 kg/litre
Total Chloride Ion Content	Nil

APPLICATION INFORMATION

Recommended Dosage	Standard dosage is 60 ml/40 kg bag of cement. Up to 100 ml/40 kg may be required for hand mixed mortar.
--------------------	---

APPLICATION INSTRUCTIONS

MIXING

- For the best results and most effective dispersion, Sikanol® M (NZ) should be premixed with the batching water prior to the addition of sand and cement.
- In the case of hand mixed mortars the dosage rate may need to be increased.
- Do not mix Sikanol® M (NZ) with dry cement.

LIMITATIONS

- If mortars of high strength are required it is advisable that the air content be continuously checked and monitored. Excessive amounts of entrained air will have a negative effect on strength.
- Plasters and renders containing Sikanol® M (NZ) should still be cured in an acceptable manner. For further information on curing refer to Sika Antisol® data sheet.
- Dosage rates given are indicative only and may vary according to actual conditions on site and aggregates used.
- Sikanol® M (NZ) may be compatible with other Sika admixtures - always check with the Sika technical department first.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika (NZ) Limited
85-91 Patiki Road
Avondale, Auckland 1026
New Zealand
0800 745 269
www.sika.co.nz



Product Data Sheet
Sikanol® M (NZ)
March 2019, Version 01.01
020301010010000018

SikanolMNZ-en-NZ-(03-2019)-1-1.pdf

BUILDING TRUST

