

# Sika<sup>®</sup> Block

## Masonry Block and Paver Admixture

Construction

<b>Description</b>	Sika <sup>®</sup> Block is a biodegradable synthetic based admixture for masonry block manufacture. Sika <sup>®</sup> Block is designed for use with zero or low slump concrete commonly used in the manufacture of masonry blocks.
<b>Uses</b>	<p>Sika<sup>®</sup> Block is utilised where an improvement in appearance of the masonry unit is required. This is achieved by creating better slick, improving moldability, enhancing cohesion and increasing early age strength.</p> <p>Sika<sup>®</sup> Block performs best when added to low slump masonry block mixes. It provides a more efficient utilisation of mixing water by aiding the dispersion of cement particles. Sika<sup>®</sup> Block will also improve the appearance and density of masonry units.</p>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Improve Workability and Finishability as well as Appearance</li> <li>• Plasticises for a better slick</li> <li>• Reduce Tear and Wear on Machinery</li> <li>• Reduced shrinkage</li> <li>• Higher production rates</li> </ul> <p style="padding-left: 40px;">By increasing the production rates, cost reduction will be achieved</p> <ul style="list-style-type: none"> <li>• Maintaining the long term appearance as well as strength</li> </ul>
<b>Storage and Shelf life</b>	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.
<b>Instructions for Use</b>	
<b>Dosage</b>	Sika <sup>®</sup> Block can be used at rates of 150-500mls per 100kg of total cementitious material. Optimum dosage should be determined by site trials.
<b>Mixing</b>	Sika <sup>®</sup> Block should be added with mixing water to ensure correct dispersion and maximum performance.
<b>Specification Type</b>	Queensland Government Department of Main Roads approved.



**Sika**<sup>®</sup>

**Technical and Physical Data**

Form	Liquid
Colour	Blue
Density (20°C)	1.01 kg/litre approx.
pH value (20°C)	9.0 ± 1.0
Suitability	All types of Blended cement.
Chloride Content	No added chlorides
TEA Content	Less than 0.025% by weight of cementitious material when used at 350mls per 100kg of total cementitious materials, assuming 400kg/m <sup>3</sup> cementitious mix.
Air Entrainment	May slightly increase air content
Packaging	20 litre pail 205 litre drum Bulk deliveries

**Important Note**

- When using Sika<sup>®</sup> Block for air-dried masonry products, curing should be completed before exposure to water or rain.
- Streaking and discolouring may occur where water has come into contact with masonry products which are not fully cured.
- For additional information, please contact your local Sika Representative.

**Handling Precautions**

- Avoid contact with eyes and skin.
- Wear protective gloves and eye protection during work.
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention immediately.
- A full Material Safety Data Sheet is available from Sika on request.

**Important Notification**

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.



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