

# Sika<sup>®</sup> Film

## Evaporation Retarder

Construction

<b>Description</b>	Sika <sup>®</sup> Film is a moisture evaporation retardant. It is designed to be used on concrete surfaces to reduce evaporative water loss.
<b>Uses</b>	Sika <sup>®</sup> Film is used to reduce the evaporation rate of water in concrete. It protects freshly placed concrete from the effects of excessive moisture loss in all drying conditions.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Reduces the incidence of plastic shrinkage cracking.</li> <li>• Enables concrete to remain workable during finishing.</li> <li>• Economical and easy to apply.</li> <li>• Fugitive blue dye.</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>Mixing</b>	<p>Dilute at a ratio of 1 part Sika<sup>®</sup> Film concentrate to 9 parts water. It is recommended that a dilution of 1:5 (Sika Film:Water) be used for very low humidity and windy condition.</p> <p>To mix, shake Sika<sup>®</sup> Film concentrate vigorously. Thoroughly mix the one part Sika<sup>®</sup> Film with nine parts water by volume. Shake diluted material thoroughly</p>
<b>Application Method</b>	The diluted Sika <sup>®</sup> Film solution can be applied with a fine mist sprayer as soon as the concrete is deposited. Each time the surface is "broken" during the finishing operations Sika <sup>®</sup> Film should be reapplied.
<b>Cleaning</b>	Equipment used to mix and apply Sika <sup>®</sup> Film should be washed immediately after use with water.

---

**Technical and Physical Data**


---

<b>Form</b>	Liquid
-------------	--------

<b>Colour</b>	Blue
---------------	------

<b>Density (20°C)</b>	1.0 kg/litre approx.
-----------------------	----------------------

<b>Coverage</b>	When diluted at a ratio of one to nine, one litre of Sika® Film will yield ten litres. Depending on surface profile and texture the total diluted material covers an area of approximately 40-100 m <sup>2</sup> .
-----------------	--

<b>Packaging</b>	20 litre pails 205 litre drums
------------------	-----------------------------------

<b>Important note</b>	<ul style="list-style-type: none"> <li>• Sika® Film is NOT a curing compound.</li> <li>• Sika® Film does not affect the surface hardness of concrete, when applied at the recommended coverage rate.</li> <li>• Sika® Film can be used with concrete containing retarding or accelerating admixture, water reducing admixtures and superplasticisers.</li> <li>• For additional information, please contact your local Sika® Representative.</li> </ul>
-----------------------	---

<b>Handling Precautions</b>	<ul style="list-style-type: none"> <li>• Avoid contact with eyes and skin.</li> <li>• Wear protective gloves and eye protection during work.</li> <li>• If skin contact occurs, wash skin thoroughly. If in eyes, hold eyes open, flood with warm water and seek medical attention immediately.</li> <li>• A full Material Safety Data Sheet is available from Sika on request.</li> </ul>
-----------------------------	--

<b>Important Notification</b>	<p>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 Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p>
-------------------------------	---

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

---

# Construction



**Sika Australia Pty Limited**  
ABN 12 001 342 329

**www.sika.com.au**  
Tel: 1300 22 33 48