

# Sika Boom<sup>®</sup>-AP

## Expanding foam

Construction

<b>Description</b>	Sika Boom-AP is a fast curing expanding foam. It can be used as a fixing and insulating foam.
<b>Uses</b>	Sika Boom-AP can be used for: <ul style="list-style-type: none"><li>■ Filling gaps and voids.</li><li>■ Blocking out dust, noise and draft.</li><li>■ Installation of window and doorframes.</li><li>■ Insulation of pipes.</li></ul>
<b>Advantages</b>	<ul style="list-style-type: none"><li>■ Can be used when held upside down.</li><li>■ Suitable for use outside.</li><li>■ Can be cut, sanded and painted.</li><li>■ Has excellent adhesion to most substrates.</li><li>■ Quick and easy gap filler.</li><li>■ Reaches difficult access areas that need to be filled.</li></ul>
<b>Storage and Shelf Life</b>	This product when stored at temperatures of between 18°C and 22°C will have a shelf life of twelve (12) months.
<b>Instructions for Use</b>	
<b>Surface Preparation</b>	All surfaces must be free of dust, grease, oil and surface contaminates. The surface should be pre-moistened with water before application to ensure that: <ul style="list-style-type: none"><li>a) the foam cures at an optimum rate and</li><li>b) secondary foam expansion is prevented.</li></ul>
<b>Application</b>	<ul style="list-style-type: none"><li>■ Screw the nozzle onto the can.</li><li>■ Shake can thoroughly (approximately 20 times) before use.</li><li>■ Apply foam by pointing nozzle into area to be filled and depress. It can be applied valve up or down.</li><li>■ Foam will dispense rapidly and will expand 1.5 to 2 times its size as it comes out of the can.</li><li>■ The quantity of foam can be regulated by varying the pressure of the adapter.</li></ul>
<b>Cleaning</b>	Remove fresh spots of foam immediately using cleaner such as acetone. Cured foam can only be removed mechanically.



## Technical Data (Typical)

<b>Basis</b>	Polyurethane	
<b>Colour</b>	Light yellow	
<b>Tack Free Time</b>	10 minutes approximately (@ 23°C)	
<b>Cutting Time</b>	30 minutes approximately (@23°C)	
<b>Yield</b>	25 litres (500 ml can) 38 litres (750 ml can)	
<b>Density</b>	24 kg/m <sup>3</sup>	
<b>Application Temperature</b>	+5°C to +35°C	
<b>Service Temperature</b>	-40°C to +80°C	
<b>Heat Conductivity</b>	~ 0.033 W/mK	(DIN 52 612)
<b>Mechanical / Physical Properties</b>		
<b>Compressive Strength</b>	~0.04 ± 0.01 N/mm <sup>2</sup> with 10% deformation (+23°C / 50% r.h.)	(DIN 53 421)
<b>Shear Strength</b>	~ 0.04 ± 0.02 N/mm <sup>2</sup> (+23°C / 50% r.h.)	(DIN 53 427)
<b>Tensile Strength</b>	~ 0.08 ± 0.02 N/mm <sup>2</sup> (+23°C / 50% r.h.)	(DIN 53 430)
<b>Elongation at Break</b>	~ 38% ± 2% (+23°C / 50% r.h.)	(DIN 53 430)
<b>Consumption</b>	Consumption can be regulated by the pressure and angle of the valve/adapter. <i>Yield:</i> 500 ml can up to 25 L (+/- 3 L) 750 ml can up to 38 L (+/- 3 L)	
<b>Packaging</b>	500 ml can 750 ml can	
<b>Important Notes</b>	<ul style="list-style-type: none"> <li>• Sika Boom-AP does not adhere to Teflon, polythene, silicone or grease.</li> <li>• For special uses, test Sika Boom-AP in advance.</li> <li>• Aged material can yield up to 30% lower than it's specified value.</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> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>	

