

BUILDING PRODUCT INFORMATION SHEET

Sika® Facade Baffle

VERTICAL BAFFLE FOR OPEN-DRAINED JOINTS IN PRECAST CONCRETE PANELS

DESCRIPTION

Sika® Facade Baffles are neoprene rubber strips available in various thicknesses, which are cut to order to a width suitable for inserting in precast panel joints to act as a weather seal.

USES

Sika® Facade Baffles are used as part of open-drained joints in precast concrete façades. The baffles, inserted into preformed cavities in the vertical joints of the precast panels, prevent direct entry of most of the wind-driven rain. Sika® Facade Baffles are used in conjunction with Sika sealants and expansion tapes. These

sealants and expansion tapes are used to provide an air seal at the interior face of the precast panels to prevent any water that gets past the baffle penetrating into the building. The thickness of the Sika® Facade Baffles need to be sufficient to resist deforming and vibrating under wind load.

FEATURES

- Tough, elastic and resilient
- Bitumen free
- Resistant to moisture absorption
- Non staining

PRODUCT INFORMATION

Product identifier	Sika® Facade Baffle
Place of manufacture	Overseas
Composition	Neoprene rubber strip
Packaging	3.2 mm and 4.5 mm thicknesses in 10 m lengths. Width cut to order.
Shelf life	Indefinite shelf life when stored as stated
Storage conditions	Store in original, unopened packaging in cool, dry conditions, out of direct sunlight.
Appearance and colour	Black rubber strip

TECHNICAL INFORMATION

Shore A hardness	~65 ± 5	(ASTM D2240)
Tensile strength	~7.35 MPa	(ASTM D412)
Tensile strain at break	~345%	(ASTM D412)
Tear propagation resistance	24.5 N/mm	(ASTM D642)
Service temperature	-20 °C to +75 °C	

APPLICATION INFORMATION

DESIGN REQUIREMENTS

Sikaflex Elastomeric Sealants - Joint design and movement calculation guide nzl.sika.com

Sika Sealant Selector Guide, Consumption Guide and Best Practice Tips nzl.sika.com

APPLICATION

Sika® Facade Baffle can be inserted and pulled through the joint with the aid of a rope. Sika® Facade Baffle cannot be bonded. It may be lap jointed using mechanical fastening. Sika® Facade Baffle can be installed to a loose sliding fit or a tight fit in the preformed cavity in the precast panel ends. If installed to a tight fit, measure the finished erected width of the precast slot and add

2-3 mm to this dimension. This dimension should be used for the finished order width. If the joint widths between the erected precast concrete panels are variable along the joint, some trimming using a sharp knife can be completed on site. The installed Sika® Facade Baffle is fixed in place by turning the top of the baffle over a stainless steel pin and bolting through the return ends. The stainless steel pin is located in a groove cut in the top of the panel joint. At every intersection between vertical and horizontal joints, a short length of flashing (300mm wide), is used to ensure water drains to the outside of the precast panel.

MAINTENANCE REQUIREMENTS

There are no maintenance requirements for this Sika product

MANUFACTURER AND IMPORTER INFORMATION

Manufacturer information	Address	Sika Supply Centre AG Industriestrasse 26 6060, Sarnen Switzerland
Importer information	Address	Sika (NZ) Limited 85-91 Patiki Road Avondale, Auckland 1026 New Zealand
	Phone number	0800 745 269
	Website	https://nzl.sika.com/
	Email address	info@nz.sika.com
	NZBN	9429000018791

BUILDING CODE INFORMATION

Building Code clauses	B2 Durability: Performance clause B2.3.1 - (b) 15 years F2 Hazardous Building Materials: Performance clause F2.3.1
Building Code compliance statements	Performance B2.3.1 (b) 15 years: This product has been evaluated in accordance with B2/VM1. It meets this durability requirement and will remain serviceable for 15 years, or more, when installed and maintained in accordance with the relevant Sika technical literature. nzl.sika.com . According to Sika's "Service Improvement" records, maintained within its ISO9001:2015 Quality Management System, this product has performed successfully since it was introduced in 2014. Performance F2.3.1: This product meets this requirement when used and applied in accordance with Sika's installation instructions and does not present a health hazard to people occupying or using the building. Refer to the Sika Product Technical Data sheet and product Safety Data Sheet nzl.sika.com for further information if required

BASIS OF PRODUCT DATA

All technical data in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Sika® Facade Baffle must be used in conjunction with an air seal at the interior face of the precast panel. The air seal shall comprise Sikaflex® AT-Facade, SikaHyflex®-250 Façade, Sika Expansion Tape-600 and/or Sika Emseal Backerseal, as appropriate.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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.

The building product/building product line is not subject to warning or ban under section 26 of the Building Act 2004.

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NZ BUILDING PRODUCT INFORMATION SHEET

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