BUILDING TRUST

PRODUCT DATA SHEET

Wabo®Flex 5201

Aluminum Wall and Ceiling Expansion Joint Cover Profile

DESCRIPTION

Wabo®Flex 5201 is an anodized aluminum cover profile for wall and ceiling applications.

FEATURES

- Easy onsite installation
- Suitable for internal and external applications

USES

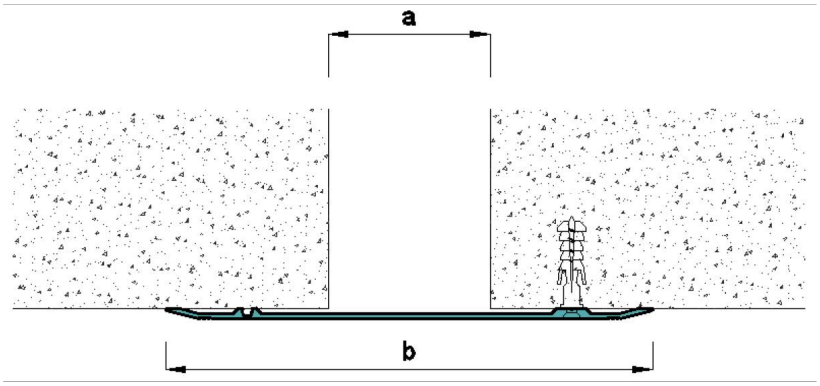
- Commericial and Residential Buildings
- Institutional Buildings

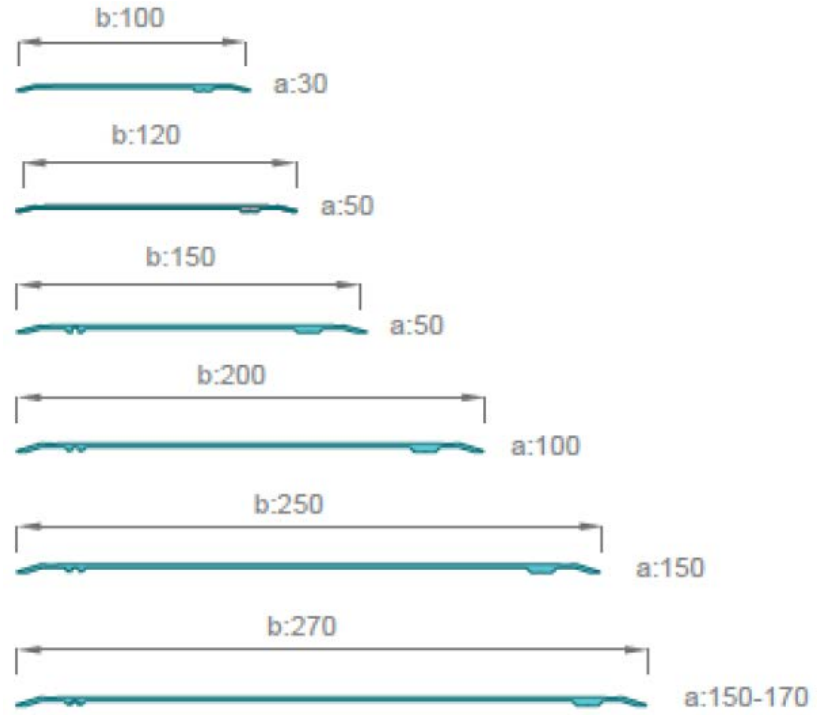
PRODUCT INFORMATION

Composition	Aluminum (6063-T5)
Packaging	Supplied in standard 3-meter profile length
Appearance and colour	
Shelf life	Indefinite provided the material remains free from excessive corrosion, mechanical damage, or other deterioration that could affect its intended performance.
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +15 °C and +25 °C.
Density	~2.7 kg/m³

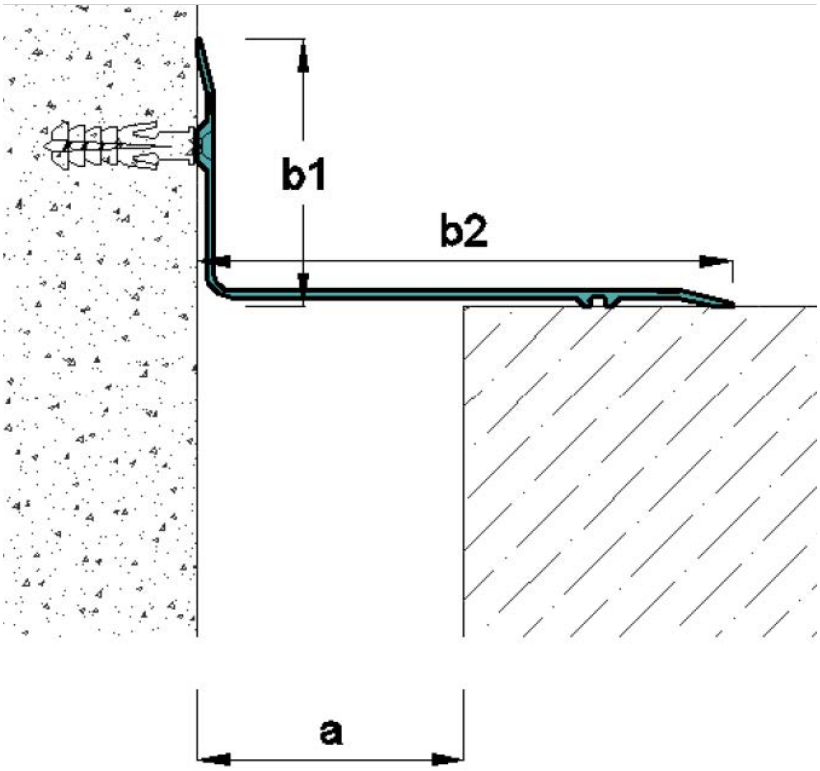
Dimensions

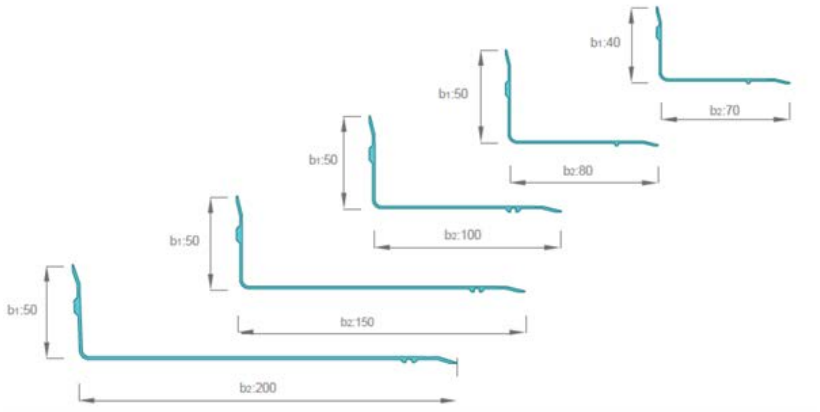
Profile Code	Joint Width (a)	Surface Width (b or b1/b2)	Thickness
5201 - 100	30 mm	100 mm	1.5 mm
5201 - 120	50 mm	120 mm	1.5 mm
5201 - 150	50 mm	150 mm	1.1 mm
5201 - 200	100 mm	200 mm	1.1 mm
5201 - 250	150 mm	250 mm	1.1 mm
5201 - 270	150 - 170 mm	270 mm	1.5 mm





Profile Code	Joint Width (a)	Surface Width (b or b1/b2)	Thickness
5201 - 070C	30 mm	40/70 mm	1.5 mm
5201 - 120C	50 mm	50/80 mm	1.5 mm
5201 - 150C	50 mm	50/100 mm	1.5 mm
5201 - 200C	100 mm	50/150 mm	1.5 mm
5201 - 270C	150 mm	50/200 mm	1.5 mm





Melting point	~600 °C

TECHNICAL INFORMATION

Modulus of elasticity in flexure	~69.5 GPa

Movement capability

Profile Code	Total Movement (mm)
5201 - 100	-30 / +20
5201 - 120	-50 / +20
5201 - 150	-50 / +40
5201 - 200	-100 / +40
5201 - 250	-150 / +40
5201 - 270	-150 / +60
5201 - 070C	-30 / +30
5201 - 120C	-50 / +20
5201 - 150C	-50 / +40
5201 - 200C	-100 / +40
5201 - 270C	-150 / +40

Coefficient of thermal expansion	~23.5 x 10^{-6} / K
Thermal conductivity	~200 W/(m·K)
Electrical resistivity	~0.035 x 10^{-6} Ω·m

BASIS OF PRODUCT DATA

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

FURTHER DOCUMENTATION

General Method Statement (GMS)

IMPORTANT CONSIDERATIONS

- Do not install if the joint's anticipated movement will exceed the system's movement range.
- Deliver product in each manufacturer's original, intact, labeled packaging. Protect the work area with appropriate plastic sheeting.
- Store all components in a clean, dry and off the ground location to protect from weather and construction activities.
- For advice and application instructions please contact local Sika representative.

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 the 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 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.

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