

PRODUCT DATA SHEET

Sika® FloorJoint EX A

“PHOENIX” PANEL PREFABRICATED POLYMER COMPOSITE FOR WIDE GAP ECCENTRIC FLOOR JOINT

DESCRIPTION

Sika® FloorJoint EX A is a prefabricated, glass-carbon fiber reinforced, extremely resistant, flat and hardly recognizable polymer composite panel with high physical properties. Because of the waved and eccentric joint design an improved load distribution and water proof performance is achieved.

USES

- Floor joint panel for new build and refurbishment of joints for concrete screeds with normal up to medium heavy wear e.g. for storage and assembly halls, maintenance workshops, hospitals, schools and ware houses.
- Particularly used in the food and pharmaceutical industries, for show rooms, workshops and production areas etc.

CHARACTERISTICS / ADVANTAGES

- Multiple sandable.
- Suitable for heaviest loads
- Rapid implementation for driving on after 24 hours
- No unevenness, ultra-flat
- No vibration while driving
- Allows horizontal movements
- Expansion coefficient similar to resin floors
- Tight coating possible
- Low installation height
- Simple installation
- High chemical resistance
- Suitable for food products
- Temperature and weather resistance
- Partial quick repair possible
- Metal-free, therefore non-corrosive

APPROVALS / CERTIFICATES

- Reaction to fire classification acc. to DIN EN 13301-1.
- Test report No.: KB-Hoch-140803.
- The fire behaviour of the polymeric material of Sika® FloorJoint EX A is classified as: Bfl-s1.

PRODUCT INFORMATION

Composition	PUR
Packaging	111 pieces on an EU-pallet weight, approx. ~8.35kg/PCS
Appearance / Colour	Grey, approx.Ral7037
Shelf life	3 years
Storage conditions	In cool and dry conditions at temperatures between +5°C and +30°C, always in horizontal and flat position.
Dimensions	Length x width x height: approx. 1200 mm x 255 mm x 15 mm

TECHNICAL INFORMATION

Compressive Strength	~ 110 N/mm ² (14days after at 23°C / 50% R.H)	DIN EN 196-1	
Tensile Strength	~ 50 N/mm ² (14days after, at 23°C / 50% R.H)	DIN EN 196-1	
Joint Design	Gap width	Maximum:55mm	Minimum:5mm
	Positive horizontal joint movement	+15mm	+65mm
	Negative horizontal joint movement	-10mm	-5mm
	Please contact Sika technical service for details.		
Consumption	1 piece for 1.2 linear meter.		
Ambient Air Temperature	+10°C min. / +30°C max.		
Relative Air Humidity	80%R.H. max		
Dew Point	Beware of condensation! The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.		
Substrate Temperature	+10°C min. / +30°C max. The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish.		
Substrate Moisture Content	< 4% moisture content. Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).		

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Refer to the Method Statement "Evaluation & Preparation of flooring surfaces".

APPLICATION

Please refer to the product data sheet of Sikadur®-31 CF Normal and/or the Method Statement "Sika® Floor-Joint EX A".

CLEANING OF EQUIPMENT

Please refer to the product data sheet of Sikadur®-31 CF Normal.

IMPORTANT CONSIDERATIONS

- Indoor use.
- This eccentric joint profile must be installed 85 mm offset (eccentric) from the edge of the existing joint .Please refer to Sika Drawings.
- To avoid the risk of crack occur on the panel surface after a certain time.
- Cut a joint of 20mm deep and at least 5mm wide in the end of floorjoint that will isolate the effect of ground movement.
- Please store the panels only in horizontal and flat position.

BASIS OF PRODUCT DATA

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

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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.

Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi
Industrial Estate, T. Klong Tamhru
A. Muang, Chonburi 20000, Thailand
Tel : +66 3810 9500
E-mail : sikathai@th.sika.com
Website: tha.sika.com



Product Data Sheet

Sika® FloorJoint EX A
February 2020, Version 01.01
020816140020000008

SikaFloorJointEXA-en-TH-(02-2020)-1-1.pdf