

PRODUCT DATA SHEET

Sika® FloorJoint XS

CARBON FIBRE PREFABRICATED FLOOR JOINT PANEL

PRODUCT DESCRIPTION

Sika® FloorJoint XS is a carbon fiber reinforced polymer Composite floor joint panel with high mechanical resistance for normal up to medium wear loading conditions. Its unique S-joint filled with SikaFlex maintains joint movement that eliminates point loading and improves load distribution that minimizes transverse vibrations. Sika® FloorJoint XS is ideal for joints with gaps in the substrate with a maximum width of 0.2 inch (5 mm) max. Positive joint movement 0.11 inch (3 mm).

USES

Sika® FloorJoint XS may only be used by experienced professionals.

- Ideal for new construction and repair/refurbishment of joints in concrete floors
- Pharmaceutical production, food and beverage processing, hospitals, warehouses, assembly halls, maintenance workshops, schools, manufacturing, show rooms,

CHARACTERISTICS / ADVANTAGES

- Eliminates point loading
- Installs level to existing slab surface
- Reduced transverse vibrations
- Preserves bearings in transport equipment
- Can be used under any Sikafloor system
- Similar thermal expansion coefficient to resin based floors
- Rapid-Return-To-Service
- High mechanical and chemical resistance
- Non-corroding

PRODUCT INFORMATION

Chemical Base	Carbon fibre reinforced polymer (PUR)
Packaging	47.25 " x 3.14" x 0.6 " Segment
Appearance / Color	Grey
Shelf Life	3 years from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between 41°F (5°C) and 95°F (35°C) and must always be stored in the horizontal position in order to avoid

bending. Always refer to packaging.

Dimensions	Length	47 inch
	Width	3.1 inch
	Height	0.6 inch

APPLICATION INFORMATION

Coverage 1 piece per 1.2 linear feet of joint

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- System should only be installed by an experienced flooring applicator.
- Always refer to the manufactures instructions before using the tools and mixing equipment.
- Products shall be applied in accordance with published data sheet.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Moisture content of concrete substrate must be $\leq 4\%$ by mass (pbw -part by weight) as measured with a Tramex® CME/CM Expert type concrete moisture meter on mechanically prepared surface according to this product data sheet (preparation to CSP-3 to CSP-4 as per ICRI guidelines). do not apply to concrete substrate with moisture leveles $> 4\%$ mass (pbw-part by weight) as measured with Tramex® CME/CMExpert type concrete moisture meter. if moisture content of concrete substrate is $> 4\%$ by mass (pbw- part by weight) as measured with Tramex® CME/CMExpert type concrete moisture meter, use Sikafloor-1610 and Sikafloor-1620.

APPLICATION

- Cut parallel lines 3/4" apart to a total of 3.25" wide.
- Chisel out saw cuts ensuring a minimum depth of 2.5 mm (0.975 inches (2.5 mm) or approximately 975 mils).
- Make sure the existing concrete edge will not be damaged from the removal process.
- Remove all loose dirt, dust, debris. and free of all contaminations such as grease, coatings, oils etc.
- Ensure the concrete substrate must be sound.
- Place the panels in the opening to ensure proper fit. cut to length.
- Place closed foam cell backer road into concrete joint, making sure the rod is below the surface of the prepared concrete.
- Mix Sikadur 31 in accordance with the datasheet.
- Apply Sikadur 31 in the cut out using the adjustable trowel to distribute the adhesive 3/4" below the elevation of the concrete floor.
- Apply Sikadur 31 to the bottom of the sika floor joint using a 1/4" V notched trowel to avoid entrapped air when placing the panels.
- Press the panels into the freshly placed adhesive.
- Press on panel to ensure complete contact with all of the adhesives.
- The panel should lower or equal to the elevation of the adjacent concrete substrate.
- After curing of the adessive, grinding may be necessary to ensure an even transition
- Grout/fill the edges so no voids remain. remove excess grout material to reduce the amount of grinding needed.
- After the adhesive and grout have cured, grind the panel and substrate to ensure a smooth transition.
- After grinding the panel, coat with flooring system or seal with Sikafloor 304 W NA.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

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