

## PRODUCT DATA SHEET

# SikaBiresin® CF230 (A) / SikaBiresin® CF234 (B)

## EPOXY EDGING SYNTACTIC PASTE

### DESCRIPTION

Designed for edging Aluminium honeycomb sandwiches, cell densification for insert anchoring, repairs.

### PROPERTIES

- Low density
- Paste form
- Easy machined by hand
- Self-extinguishing according to FAR 25§853

### PHYSICAL PROPERTIES

Composition	RESIN (A)	HARDENER (B)	MIX	METHOD
<b>Mix ratio by weight</b>	<b>100</b>	<b>24</b>		
Aspect	Paste	Paste	Paste	
<b>Colour</b>	<b>White</b>	<b>Green</b>	<b>Pale green</b>	
<b>Density at 25 °C<sup>(KP)</sup></b>	<b>0.66</b>	<b>0.46</b>	-	<b>LT-020</b>
<b>Density of cured product at 23 °C<sup>(KP)</sup></b>	-	-	<b>0.60</b>	<b>LT-047</b>
<b>Pot life on 124 g at 25 °C, min<sup>(KP)</sup></b>	-	-	<b>14</b>	<b>LT-002-B</b>

(KP) Key properties. These values are enclosed in Certificate of Analysis.

### MECHANICAL AND THERMAL PROPERTIES <sup>(1)</sup>

Hardness	(Shore D)	70	LT-022
Compressive strength	(MPa)	34	LT-005
Compressive Modulus	(MPa)	1300	LT-098
Glass transition temperature Tg	(°C)	73	LT-013
Coefficient of Thermal Expansion (CTE)	(10 <sup>-6</sup> K <sup>-1</sup> )	28	LT-013

(1) Cured 16 hours at 40 °C

## PROCESSING

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- Knead Resin/Hardener mix previously prepared according to the indicated ratio in order to obtain a homogeneous paste. Apply it by pressing on the edge or cell of the honeycomb structure.

## HANDLING PRECAUTIONS

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Normal health and safety precautions should be observed when handling these products:

- Ensure good ventilation.
- Wear gloves, glasses and protective clothes.

**For further information, please consult the Safety Data Sheet.**

## STORAGE CONDITIONS

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Shelf life of **SikaBiresin® CF230 (A) (Resin)** and **SikaBiresin® CF234 (B) (Hardener)** is **12 months** in a dry place and in original unopened containers at a temperature between 15 °C and 25 °C.

***Any open container must be tightly closed and kept in a dry place.***

## PACKAGING

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|-------------------------------------|---------------------------------|
| ▪ SikaBiresin® CF230 (A) (Resin)    | 0.5 kg, 2.5 kg, (6 x 0.5 kg)    |
| ▪ SikaBiresin® CF234 (B) (Hardener) | 0.12 kg, 0.6 kg, (12 x 0.12 kg) |

## FURTHER INFORMATION

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The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Advanced Resins. Copies of the following publications are available on request: Safety Data Sheets.

## VALUE BASES

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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.

## HEALTH AND SAFETY INFORMATION

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For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTICE

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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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Sika Advanced Resins

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