

PRODUCT DATA SHEET

CF 230 RESIN / CF 238-1 HARDENER (XE 2567/1)

EPOXY EDGING SYNTACTIC PASTE

DESCRIPTION

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

PROPERTIES

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

PHYSICAL PROPERTIES

Composition	RESIN	HARDENER	MIX	METHOD
Mix ratio by weight	100	16		
Aspect	Paste	Liquid	Paste	
Colour	White	Blue	Blue	
Density at 25 °C	0.66 (KP)	1.04	-	LT-020
Density of cured product at 23 °C	-	-	0.64	LT-047
Viscosity at 25 °C (Pa.s)	-	0.55 (KP)	-	LT-001
Pot life on 116 g at 25 °C (KP) (min)	-	-	20	LT-002-B

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

MECHANICAL AND THERMAL PROPERTIES⁽¹⁾

Hardness	(Shore D)	70	LT-022
Compressive strength ⁽²⁾	(MPa)	47	ISO 604
Compressive modulus ⁽²⁾	(MPa)	1470	ISO 604
Glass transition temperature (Tg)	(°C)	74	LT-013
Coefficient of Thermal Expansion (CTE) [10°C à 60°C]	(°C)	32	LT-013

(1) Cured 16 hours at 70°C

(2) Cured 16 hours at 40°C

PROCESSING

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

HANDLING PRECAUTIONS

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

Shelf life of **CF 230 Resin** and **CF 238-1 Hardener** is **12 months** in a dry place and in original unopened containers at a temperature between 15 and 25 °C.

Any open can must be tightly closed in order to protect from moisture.

PACKAGING

- | | |
|-------------------------|-------------------------------------|
| ■ CF 230 RESIN | 0.5 kg, 2.5 kg, 12 kg, (6 x 0.5 kg) |
| ■ CF 238-1 HARDENER | (12 x 0.08 kg) |
| ■ CF 230 / CF 238-1 KIT | 2 (6 x 0.5 kg) + (12 x 0.08 kg) |

FURTHER INFORMATION

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

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

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

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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