



BUILDING TRUST



CF 230 RESIN
CF 234 HARDENER
Technical Data Sheet
EPOXY EDGING SYNTACTIC PASTE
SELF-EXTINGUISHING – FAR 25

DESCRIPTION

Designed for edging aluminum and other forms of honeycomb sandwich structures, cell densification for insert anchoring, and repairs. Two color offerings for use.

PROPERTIES

*Low density
 Paste form*

*Easy machined by hand
 Self-extinguishing*

PHYSICAL PROPERTIES				
Composition		RESIN CF 230	HARDENER CF 234	MIXED
Mix ratio by weight		100	24	
Aspect		Paste	Paste	Paste
Color – (Two color offerings)		White Black	Green Green	Light green Charcoal
Specific gravity at 25°C (g/cm ³)	ISO 1675 : 1985	0.63	0.43	-
Specific gravity of cured product at 23°C	ISO 2781 : 1996	-	-	0.58
Pot life at 25°C on 116 g (min)	Gel Timer TECAM			11

MECHANICAL PROPERTIES at 23°C (1)			
Hardness	ISO 868 : 2003	Shore D1	65
Compressive strength at yield	ISO 604 : 2002	Psi / MPa	4,347 / 30
Hardening time (10 mm thickness)	-	hr	20
Glass transition temperature (Tg)	ISO 11359 : 2002	°F / °C	131 / 55
Coefficient of thermal expansion (CTE) (+10C to +60°C)	ISO 11359 : 1999	10 ⁻⁶ K ⁻¹	30

(1) : Average values obtained on standard specimens / Hardening 16 hr at 40°C

PROCESSING

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

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

Ensure good ventilation

Wear gloves, and safety glasses

For additional information, please consult the Safety Data Sheet (SDS).



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STORAGE CONDITIONS

This product has a shelf life of 12 months for the resin as indicated by the expiration date on the container when stored in original unopened containers between 60°F (15°C) – 77°F (25°C). The product shelf life for the hardener is 12 months between 60°F (15°C) and 77°F (25°C). Any opened can must be tightly closed.

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DISCLAIMER

The information contained in this technical data sheet results from research and tests conducted in our laboratories under precise conditions. Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. It is the responsibility of the user to determine the suitability of the SikaAxson's products, under their own conditions, before commencing with the proposed application. In no event shall SikaAxson US be liable for any direct, indirect, punitive, incidental, special, and/or consequential damages, to property or life, whatsoever arising out of or connected with the use or misuse of our products.

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