

DAPCO™ 3008N LOW DENSITY, SELF EXTINGUISHING HONEYCOMB FILLER

TECHNICAL DATA SHEET



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DESCRIPTION

DAPCO™ 3008N is a two-component, self-extinguishing epoxy filler formulated to meet aircraft fire-resistance and modern environmental requirements

FEATURES & BENEFITS

- Cures at Room Temperature
- Excellent adhesion to metal, wood, and honeycomb core
- Very low water absorption
- Good chemical resistance, especially to aircraft fluids
- Can be nailed, threaded, countersunk, drilled, cut, etc. without cracking or chipping
- 100% solids
- Meets FAR 25.853 (60 second vertical ignition) requirements

SUGGESTED APPLICATIONS

Commonly used for potting, stiffening, and edge filling in honeycomb core.

CHARACTERISTICS

	PART A	PART B	MIXED
Color	White	Yellow	Lt. Yellow
Solids, %	100	100	100
Appearance	Viscous Paste	Viscous Liquid	Viscous Paste

TYPICAL CURED PROPERTIES

Hardness	60	"D" per ASTM D224
Compression,	3,000	psi
Water absorption (24 hours)	0.4	%
Self-extinguishing time	5	seconds
Density	28 – 32	pounds per cubic foot
	0.45 – 0.51	grams per cubic centimeter

PROCESSING

MIX RATIO: The recommended mix ratio for DAPCO™ 3008 is 100 parts "A" to 35 parts "B" by weight.

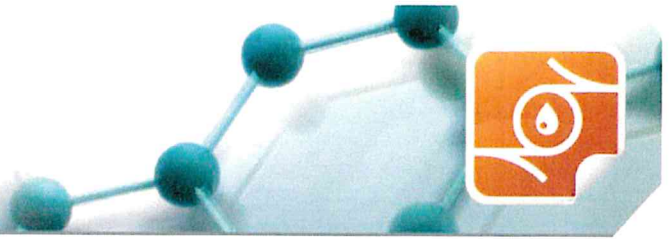
Thoroughly stir Part B separately before mixing with Part A.

Combine Part A and Part B and mix well until uniform in color.

WORKING LIFE: The pot life of DAPCO™ 3008 after mixing is 1 to 2 hours.

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CURING: DAPCO™ 3008 will cure to handling strength in 6 hours at 72°F. Fully cures in 72 hours at 72°F.

ACCELERATED CURE: Cure 1 hour at ambient conditions, followed by 2 hours at 160 °F.

SURFACE PREPARATION

The substrates must be free from contaminants, i.e., dirt, oil, grease, etc. Clean the surface with a suitable solvent/cleaning agent and dry thoroughly. Mechanical roughening of the surfaces will often improve performance. For optimum adhesion to metallic substrates a BR® brand bonding primer may be used.

STORAGE AND HANDLING

Store in a cool, dry place in the original containers; keep tightly sealed.

Shelf life: 12 months from date of shipment

SAFETY

Exercise good housekeeping practices. Safety Data Sheets available upon request.

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