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PRODUCT DATA SHEET

DUR-O-BOND®

KF 1000

Lightweight Polyester Keel Filler

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

DUR-O-BOND KF1000 is a low viscosity, lightweight polyester resin composite compound engineered for use as a **Keel Filler**

Uses and benefits include:

- Improved strength, weight savings, and cosmetic finishes in fiberglass laminate construction.
- Its self-leveling viscosity allows it to be poured or pumped into gaps and difficult to reach locations between laminate layers to eliminate air voids.
- **KF1000** exhibits excellent adhesion to multiple substrates including FRP composites, wood and synthetic core materials.
- **Highly Flexible** matrix design resists cracking.

KF1000 Specifications	
Color	Grey
Odor	Strong Styrene Odor
Viscosity Average (Brookfield RVDVII+Pro, 1 QT, SP5, 78°F, 20RPM)	5,000 - 7,000 cP
Density (lbs/gal)	~ 6.0
VOC (lbs/gal)	1.99 [VOC lbs/gal post cure: 0 lbs]
Shelf Life	6 months

Catalyzation of KF1000	
Catalyst % by Weight	1.5
Gel Time	20 min
Peak Exotherm Temp	195°F
Peak Exotherm Time	~ 40 min

Note: The above catalyzation results were obtained using a 100 g sample at 25°C (77°F). Incubator Temperature: 77 °F; MEKP Catalyst = Syrgis MEKP-9 or equivalent.

MEKP Usage Guide	Quart		Single Gallon		5 gallons	
Recommended Amount	**Vol. (ml)**	**Wt. (g)**	**Vol. (ml)**	**Wt. (g)**	**Vol. (ml)**	**Wt. (g)**
1.5 %	9.30	10.21	37.19	40.82	185.95	204.12
Recommended Amount	**Vol. (fl. oz)**	**Wt. (oz)**	**Vol. (fl. oz)**	**Wt. (oz)**	**Vol. (fl. oz)**	**Wt.(oz)**
1.5 %	0.31	0.36	1.26	1.44	6.29	7.20

DUR-O-BOND®
BETTER ○ STRONGER ○ FASTER