

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	
	Vol. (ml)	Wt. (g)	Vol. (ml)	Wt. (g)	Vol. (ml)	Wt. (g)
Recommended Amount 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

NOTICE: Read all precautionary labels, MSDS guidelines and product warnings before using. The information contained herein is correct to the best of our knowledge and is subject to revision without notice. The data contained in this product bulletin is made without guarantee or representation as to results. Since application variables are a major factor in product performance, this information should serve as a general guide only. We suggest that laboratory testing should be performed prior to the use of any product in the field. Durant makes no warranties, express or implied, and limits any liability for breach of warranty, negligence or otherwise to the purchase price of the material.