

PRODUCT DATA SHEET

DUR-O-BOND®

FC1000

Spray-Able Fairing Compound

CHEMICAL FAMILY: POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND FC1000** is a heavy-weight, polyester and isophthalic resin compound engineered for fairing and finish smoothing applications in fiberglass construction, marine repair or new boat construction.
- Low Shrink / Low Exotherm - **DUR-O-BOND FC1000** cures hard, leaving a smooth, sand able finish with minimal shrink and low exotherm.
- Excellent Adhesion - **DUR-O-BOND FC1000** bonds to multiple substrates in polyester and vinyl ester laminate applications, including FRP composites, wood and core materials.
- Ease of Application - **DUR-O-BOND FC1000** has low viscosity ideal for pumping, pouring, and spraying, easily filling cracks and imperfections.
- Adjustable Dry Times - **DUR-O-BOND FC1000** utilizes liquid **MEKP** solution that may be regulated to adjust dry times.

FC1000 Specifications	
Color	Off White
Odor	Strong Styrene Odor
Viscosity Average (Brookfield RVDVII+Pro, 1 QT, SP5, 78°F, 5.0 RPM)	20,000-30,000 cP
Density (lbs/gal)	~ 10.0
VOC (lbs/gal)	1.86 [VOC lbs/gal post cure: 0 lbs]
Shelf Life	6 months

Initiation of FC1000	
Initiator % by Weight	1.5
Gel Time (min)	3-5
Peak Exotherm Temp (°F)	250
Peak Exotherm Time (min)	10-15

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

MEKP Usage Guide	Quart		Single Gallon		5 gallons	
	Volume (mL)	Weight (g)	Volume (mL)	Weight (g)	Volume (mL)	Weight (g)
Recommended Amount Metric 1.5 %	15.50	17.01	61.98	68.04	309.91	340.20
Recommended Amount US	Volume (fl.oz)	Weight (oz)	Volume (fl.oz)	Weight (oz)	Volume (fl.oz)	Weight (oz)
1.5 %	0.52	0.60	2.10	2.40	10.48	12.00