

PRODUCT DATA SHEET

DUR-O-BOND® MB8770

High Strength Polyester Bonding Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND MB8770** is a high strength polyester bonding compound engineered for bonding FRP parts and for gel coat back-up and radius / contour forming applications.
- Smooths sharp corners and transitions to reduce air voids.
- Low shrinkage and exotherm reduce print thru and allow higher quality finishes.
- Excellent adhesion and shear strength.
- Has excellent resistance to corrosion and heat distortion.

MB8770 Specifications	
Color	Grey
Odor	Strong Styrene Odor
Viscosity Average (Brookfield RVDVII+Pro, 1 QT, TF, 78°F, 5RPM)	1,000,000 – 1,500,000 cP
Density (lbs/gal)	~ 11.0
VOC (lbs/gal)	3.62 [VOC lbs/gal post cure: 0 lbs]
Shelf Life	3 months

Catalyzation of MB8770	
Catalyst % by Weight	1.5
Gel Time (min)	30-35
Peak Exotherm Temp	~265°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: 70 °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)
1.25 %	14.20	15.59	56.82	62.37	284.08	311.85
Recommended Amount	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt.(oz)
1.25 %	0.48	0.55	1.92	2.20	9.60	11.00

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.