

PRODUCT DATA SHEET

DUR-O-BOND® P2000-ST

Lightweight Pourable Fiberglass Bonding Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND P2000-ST** is a fluid, lightweight polyester resin compound engineered for superior bonding and flexural strength.
- **Low Viscosity - DUR-O-BOND P2000-ST** may be poured into gaps and difficult to reach locations.
- **Excellent adhesion - DUR-O-BOND P2000-ST** bonds to multiple substrates in polyester and vinylester laminate applications, including FRP composites, wood and core materials.
- **Highly Flexible - DUR-O-BOND P2000-ST** flexible matrix design resists cracking.
- **Adjustable Dry Times - DUR-O-BOND P2000-ST** is a two-component system, utilizing a MEKP hardener that may be regulated to adjust dry times.

PRODUCT SPECIFICATIONS:

- **Color / Odor:** Gray with strong styrene odor
- **Viscosity:** [RVDVII, 5.0RPM, RV5]: 30,000 cps avg.
- **Weight / Gallon:** ~ 6.0 lbs
- **VOC wt/gl:** 2.22lbs [VOC wt/gl post cure: 0 lbs]
- **Shelf Life:** 6 months unopened (25°C)

Average Physical Testing Results		
Test	ASTM	Result
Tensile Strength (psi)	D- 638	1150
Tensile Modulus (ksi)	D- 638	153
Tensile Elongation (%)	D- 638	23
Flexural Strength (psi)	D- 790	1250
Tangent Modulus (ksi)	D- 790	75
Shore D Hardness 1hr	D- 2240	25
Shore D Hardness 24hr	D- 2240	60

CATALYZATION / GEL TIMES:

Catalyst % by Wt. (MEKP)	Gel Time	Peak Temp.	Gel - Peak Exotherm. Time
1.5%	~ 15 min.	~ 204°F (95.5°C)	~ 22 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)
	1.50 %	9.76	10.72	39.05	42.87	195.24	214.33
	Recommended Amount	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt.(oz)
	1.50 %	0.33	0.38	1.32	1.51	6.60	7.56

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.