

DURANT

PERFORMANCE COATINGS

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PRODUCT DATA SHEET

DUR-O-BOND®

CB5500

Sprayable Fiberglass Routing Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND CB 5500** polyester resin compound is engineered for part and plug building in marine and industrial polyester and vinyl ester laminate building applications.
- **DUR-O-BOND CB 5500** is designed to cure with minimal shrinkage and a low exotherm resulting in the elimination of voids under the core.
- **DUR-O-BOND CB 5500** is engineered to spray smoothly and evenly from most fiberglass pump and spray equipment to ensure rapid surface coverage, reliable thickness and high build capacity.
- **DUR-O-BOND CB 5500** is specially formulated for high strength and elongation for longer plug life yet provides for easy routing with CNC equipment.
- **DUR-O-BOND CB 5500** 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, 5RPM, RV5]: 30,000 cps avg.
- Weight / Gallon: ~ 6.25 lbs
- VOC wt/gl: 2.10lbs [VOC wt/gl post cure: 0 lbs]
- Shelf Life: 3 months unopened (25°C)

Average Physical Testing Results		
Test	ASTM	Result
Tensile Strength (psi)	C-297	950
Cleavage Strength (lb/sq in)	D- 1062	800
Shore D Hardness 1hr	D- 2240	40
Shore D Hardness 24hr	D- 2240	55

Catalyzation / Gel Times:

Catalyst % by Wt. (MEKP)	Gel Time	Peak Temp.	Gel - Peak Exotherm. Time.
1.5%	~ 20-25 min.	~ 250°F	~ 10min.

Note: The above catalyzation results were obtained using 100 gms of compound at 25°C (77°F).
Ambient Room Temperature: 16°C(61 °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 %	9.68	10.63	38.74	42.53	193.69	212.63
Recommended Amount	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt. (oz)	Vol. (fl. oz)	Wt.(oz)
1.5 %	0.33	0.38	1.31	1.50	6.55	7.50

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.