



CUSTOM COATINGS SYSTEMS

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PRODUCT DATA SHEET

DUR-O-BOND® P1000

Pourable Marine Bonding Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND P1000** is a fluid polyester resin compound engineered for superior bonding and flexural strength for use in polyester and vinylester marine and industrial laminate building applications.
- Low Viscosity - **DUR-O-BOND P1000** may be poured into gaps and difficult to reach locations.
- Excellent adhesion - **DUR-O-BOND P1000** bonds to multiple substrates, including FRP composites, wood and core materials.
- Highly Flexible - **DUR-O-BOND P1000** flexible matrix design resists cracking.
- Adjustable Dry Times - **DUR-O-BOND P1000** 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: [Brookfield RVDVII, 2.5RPM, Spindle RV5]: 15,000 cps average
- Weight / Gallon: ~ 10 lbs
- VOC weight/gallon: 2.64lbs [VOC wt/gl after mixing with MEKP: 0 lbs]
- Shelf Life: 3 months unopened (25°C)

CATALYZATION / GEL TIMES:

Catalyst % by Wt. (MEKP)	Gel Time	Peak Temp.	Gel - Peak Exotherm. Time
1.5%	~ 10 min.	~ 200°F (93°C)	~ 30 min.
2.0%	~ 6 min.	~ 205°F (96°C)	~ 20 min.
2.5%	~ 4 min.	~ 210°F (99°C)	~ 17 min.

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 = NORAC® Superox 46-701 or equivalent.

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.