



CUSTOM COATINGS SYSTEMS

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PRODUCT DATA SHEET

DUR-O-BOND®
HD1001

Structural Marine Bonding Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- DUR-O-BOND HD1001 is a medium to high thixotropic polyester resin compound engineered for superior bonding and impact resistance in polyester and vinylester laminate applications.
• Ease of Application - DUR-O-BOND HD1001 is smooth spreading compound with good sag resistance for use in most all areas, including vertical applications.
• Superior Adhesion - DUR-O-BOND HD1001 bonds to multiple substrates, including FRP composites, wood and core materials.
• Impact Resistant - DUR-O-BOND HD1001 is engineered with structurally reinforced fibers to provide maximum strength and resistance to cracking.
• Suggested Uses - DUR-O-BOND HD1001 ideal for bonding and bedding applications radius forming, as well as void filling.
• Adjustable Dry Times - DUR-O-BOND HD1001 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, 1.0RPM, Spindle TF]: 2.5 million cps average
• Weight / Gallon: ~ 12.0 lbs
• VOC weight/gallon: 3.26lbs [VOC wt/gl after mixing with MEKP: 0 lbs]
• Shelf Life: 3 months unopened (25°C)

CATALYZATION / GEL TIMES:

Table with 5 columns: Summer Formula, MEKP % by Wt., Gel Time, Peak Temp., Gel-Peak Exotherm. Time. Rows include 1.5%, 2.0%, 2.5% MEKP concentrations for both Summer and Winter formulas.

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.