



PERFORMANCE COATINGS

112 RAILROAD ST., REVERE, MA 02151
P 800.420.0021 / 781.289.1400 / F 781.289.1405
www.durantcorp.com

PRODUCT DATA SHEET

DUR-O-BOND®

CB5500

Fiberglass Core Bonding Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- DUR-O-BOND CB 5500 polyester resin compound is engineered for bonding and bedding pvc foam and balsa core material 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 less print through and a more reliable elimination of voids under the core.
• DUR-O-BOND CB 5500 is engineered for spray-core applications, spreads smoothly and evenly to ensure maximum filling of kerfs and gaps.
• DUR-O-BOND CB 5500 is specially formulated for exceptional shear and bond strengths, superior impact and fatigue resistance and high elongation.
• 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: 6 months unopened (25°C)

Table with 3 columns: Test, ASTM, Result. Rows include Tensile Strength (psi), Cleavage Strength (lb/sq in), Shore D Hardness 1hr, and Shore D Hardness 24hr.

Catalyzation / Gel Times:

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

Note: The above catalyzation results were obtained using a 100 g sample at 25°C (77°F). Incubator Temperature: 25°C(77°F); MEKP Catalyst = Syrgis MEKP-9 or equivalent.

Table with 7 columns: MEKP Usage Guide, Quart, Single Gallon, 5 gallons. Rows show Recommended Amount in Vol. (ml), Wt. (g), Vol. (fl. oz), and Wt. (oz).

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.