

PRODUCT DATA SHEET

DUR-O-BOND® MB7000

General Purpose Fiberglass Bonding & Filler Compound

CHEMICAL FAMILY: UNSATURATED POLYESTER RESIN

PRODUCT DESCRIPTION:

- **DUR-O-BOND MB7000** is a highly thixotropic polyester resin compound engineered for high bonding strength in marine and industrial composite filling and bedding applications.
- High Viscosity - **DUR-O-BOND MB7000** has outstanding sag resistance for use in vertical applications.
- High Strength Adhesion - **DUR-O-BOND MB7000** bonds to multiple substrates in polyester laminate applications, including FRP composites, wood and core materials.
- Ease of Application - **DUR-O-BOND MB7000** has a smooth creamy consistency ideal for hand-trowel or pump application.
- Adjustable Dry Times - **DUR-O-BOND MB7000** is a two-component system, utilizing a MEKP hardener that may be regulated to adjust dry times.

PRODUCT SPECIFICATIONS:

- Color / Odor: Blue with typical styrene odor
- Weight / Gallon: ~ 9.8-10.0 lbs
- Viscosity: [Brookfield RVDVII, 5 RPM, Spindle TF]: 600,000 cps average
- VOC: 1.88 #/GL [VOC wt/gl after mixing with MEKP: 0 lbs]
- Shelf Life: 4 months unopened (25°C)

Catalyzation / Gel Times:

| | | | |
|---|-----------------|-------------------|-----------------------------------|
| Catalyst % by Wt. (MEKP) | Gel Time | Peak Temp. | Gel - Peak Exotherm. Time. |
| 2.7% | ~ 3.5-4.0 min. | ~ 200°F | ~ 15 min. |
| (Equivalent to 3.0% catalyst by volume for pump applications) | | | |

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) |
| Recommended Amount 2.70 % | 27.89 | 30.62 | 111.57 | 122.47 | 557.84 | 612.36 |
| Recommended Amount | Vol. (fl. oz) | Wt. (oz) | Vol. (fl. oz) | Wt. (oz) | Vol. (fl. oz) | Wt.(oz) |
| 2.70 % | 0.94 | 1.08 | 3.77 | 4.32 | 18.86 | 21.60 |

DUR-O-BOND®
BETTER ◊ STRONGER ◊ FASTER

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