

DITECH

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TECHNICAL BULLETIN

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DITECH GELCOAT SERIES 59

DESCRIPTION

DITECH SERIES 59 GELCOATS are liquid, thixotropic, unsaturated polyester resin coatings prepared for use in the manufacturing of fiberglass reinforced polyester composites. Gelcoats in this series have been promoted for application and polymerization at ambient temperatures.

During storage some separation may occur. It is therefore recommended that the gelcoat be thoroughly mixed prior to its use to ensure the application of a homogeneous product.

PRINCIPAL CHARACTERISTICS

- 1) Formulated to reduce flame spread and to lower the level of smoke generated in a fire.
- 2) Rheological properties result in excellent leveling and sag resistance minimizing porosity.
- 3) This type of gelcoat is used in applications where good resistance to water and corrosion is required.
- 4) The air drying version is an excellent choice for sealing fiberglass laminated parts such as boat interiors, bilge liner, balconies, and in general exposed fiberglass laminations.
- 5) Available in spray, brush, and air drying versions.
- 6) Optimize performance by applying gelcoat at an ambient and material temperature between 22° and 35° C.

TYPICAL PROPERTIES OF LIQUID DITECH SERIES 59

Viscosity, Brookfield RVF at 25° C, (Spindle #4 @ 2 rpm) 23,000-28,000 cps

Relative Density..... 1.12-1.32

Color..... As required

TYPICAL GELTIMES OF DITECH SERIES 59

Gelcoat temperature..... 25° C

Ambient temperature..... 25° C

Catalyst (Cadox M-50)	1.0%
Gel time (pot-life 100g.)	8-13 min.
Tack Free (thick 20 mils)	50-70 min.

11/07