

DITECH

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TECHNICAL BULLETIN

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DITECH GELCOAT SERIES 57

DESCRIPTION

DITECH SERIES 57 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) Excellent spray pattern resulting in reduced gelcoat porosity.
- 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. It provides an excellent economical coating for composites that have intermittent contact with water and other corrosive media such as small power boats, canoes, bathtubs, showers, as well as improved impact resistance for composites that will be repainted.
- 4) The air drying version is an excellent choice for sealing fiberglass laminated parts such as boat interiors, bilge liner coatings, balconies, and waterslide laminate exteriors.
- 5) Available in spray, brush, and air drying versions.
- 6) Sanitary products made with this gelcoat will be CSA approvable.
- 7) Optimize performance by applying gelcoat at an ambient and material temperature between 22° C and 35° C.

TYPICAL PROPERTIES OF LIQUID DITECH SERIES 57

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

Relative Density..... 1.12-1.32

Colour..... As required

TYPICAL GELTIMES OF DITECH SERIES 57

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.

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