

DITECH

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TECHNICAL BULLETIN

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DITECH GELCOAT SERIES 47

DESCRIPTION

DITECH SERIES 47 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 not requiring premium resistance to water and corrosion. It provides an excellent economical base for composites that will eventually be painted.
- 4) The air drying version is an excellent choice for sealing fiberglass laminated parts such as balconies, boat hulls, canoes, bilges, and waterslide exteriors.
- 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 47

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 47

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)	55-80 min.

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