

DITECH

DITECH PLASTCO INC.

80 Hymus
Pointe-Claire, QC
Canada H9R 1E3

TECHNICAL BULLETIN

Telephone: (514) 697-8468
Fax: (514) 697-1475
Email: info@ditech.ca

DITECH GELCOAT SERIES 67

DESCRIPTION

DITECH SERIES 67 GELCOATS are liquid, thixotropic, unsaturated polyester resin coatings prepared for use in the manufacturing of fiberglass reinforced polyester composites. These products have been formulated to provide superior resistance to ultra violet radiation resulting in excellent color and gloss retention required in marine, transport, and construction applications. 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. Excellent gloss retention.
- 3) This type of gelcoat is used in applications where superior resistance to water and corrosion, and osmotic blistering is required. Typical applications include power and sail boats, swimming pools, hot tub, bathtubs, showers, as well as automotive, mass transit, and truck components that will remain exposed to the environment.
- 4) The air drying version is a excellent choice for sealing fiberglass laminated parts such as boat interiors, bilge liner coating, balconies, and waterslide laminate exteriors.
- 5) Available in spray, brush, and air drying versions.
- 6) Sanitary products made with this gelcoat are 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 67

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 67

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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