

# 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 76**

### DESCRIPTION

**DITECH SERIES 76 GELCOATS** are liquid, thixotropic, unsaturated polyester resin coatings prepared for use in the manufacturing of fiberglass reinforced polyester composites. This top of the line hybrid gelcoat provides for excellent 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.
- 3) This hybrid gelcoat is used in applications where excellent 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.
- 4) The copolymer, used in this series, provides an excellent base in coatings requiring high gloss and colour retention for the manufacture of products that will be subjected to ultra violet radiation.
- 5) Sanitary products made with this gelcoat are CSA approvable.
- 6) Pigments, used in this gelcoat system, are of highest quality to ensure hiding power as well as colour retention on exposure to UV radiation.

### TYPICAL PROPERTIES OF LIQUID DITECH SERIES 76

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 76

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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