

Industry

Oil & Gas

Equipment

Insulated process vessel

Date of application

2005

Situation

Insulated process vessel needs conforming jacketing system for domed ends

Products

SolarTech PE 55 Laminate

Application Procedure

1. Cut SolarTech PE 55 to dimension
2. Apply by hand onto surface
3. Overlap laminate on seams for complete encapsulation
4. Expose to UV lamp to cure

Pictures

1. Jacketing of cylindrical portion of vessel in progress (black tape used to maintain wet edge)
2. Domed end completely encapsulated thanks to pliability of laminate prior to cure. Center of vessel in process of being cured by UV lamp



Photo 1



Photo 2

Benefits

- **Quick turnaround**
 - No mixing or heating required
 - Rapid cure with UV lamp
- **Easy application**
 - Easily cut to dimension without need for specialized equipment
 - Laminate is applied by hand
- **Complete encapsulation**
 - Seamless system, conforms to shape
- **Full mechanical and chemical resistance for prevention of corrosion under insulation**