

Industry

Water Treatment

Equipment

Water storage tank

Date of application

2003

Situation

Corrosion of tank wall with localized loss of thickness and perforation

Products

SolarSeal

SolarTech PE 55 Laminate

SolarCoat

Application Procedure

1. Prepare surface by grit blasting
2. Apply SolarSeal primer
3. Patch perforations with SolarTech PE 55
4. Apply SolarTech PE 55 to tank wall
5. Top coat with SolarCoat
6. Let cure in sunlight

Pictures

1. Evidence of corrosion damage on outside of tank
2. Patching of perforations with SolarTech PE 55
3. Lining of the tank wall with SolarTech PE 55
4. Top coat of SolarCoat applied to SolarTech PE 55



Photo 1

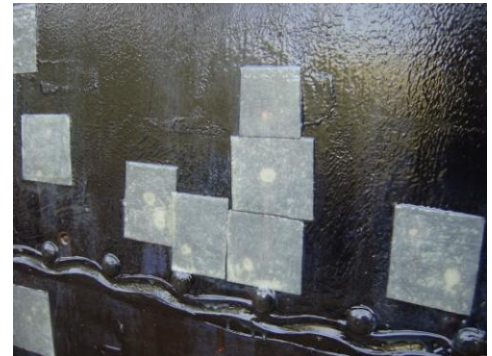


Photo 2



Photo 3



Photo 4

Benefits

- **Quick turnaround**
 - No mixing or heating required
 - Rapid cure in natural sunlight
- **Easy application**
 - No specialist equipment needed
 - Laminate is applied by hand
- **Seamless system**
 - Overlaps are chemically reacted
- **Excellent corrosion, weathering and mechanical resistance**