UV CURING COMPOSITES

Jetty Legs/Splash Zone

Application Focus

05.10.01

Industry
Oil & Gas

Equipment
LNG loading jetty

Date of application
2008

Situation
Corrosion and loss of thickness of steel jetty legs in splash zone

Products
SolarSeal (tinted)
SolarTech PE 55 Laminate

Application Procedure
1. Erect scaffolding
2. Grit blast to SSPC-SP10
3. Apply SolarSeal primer
4. Apply SolarTech PE 55
5. Top coat with tinted SolarSeal and let cure in sunlight

Pictures
1. Corroded jetty leg
2. Scaffolding erected down to low tide level
3. Top coat of tinted SolarSeal applied to protected leg
4. Completed application

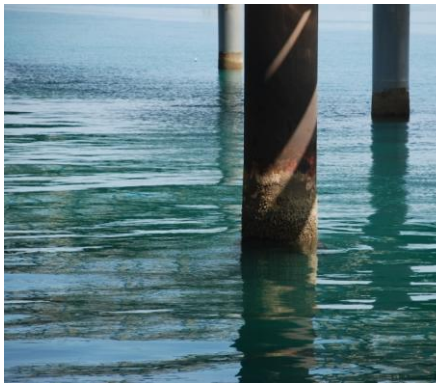

Photo 1

Photo 2

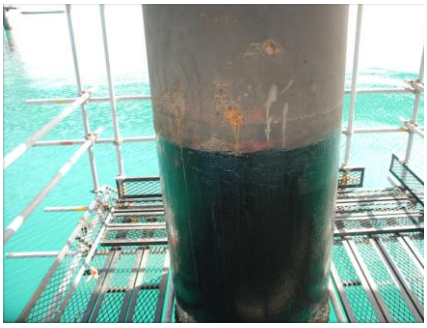

Photo 3

Photo 4

Benefits
- **Quick turnaround**
  - No mixing or heating required
  - Rapid cure in natural sunlight
- **Easy hand application**
  - No specialist equipment needed
  - Laminate is wrapped around leg under manual tension
- **Seamless system**
  - Overlaps are chemically reacted
- **Excellent corrosion, weathering and mechanical resistance**