



# Secondary Containment Area

UV CURING COMPOSITES

Application Focus

# 05.10.01

## Industry

Petrochemical

## Equipment

Concrete secondary containment area

## Situation

Concrete needs to be coated to protect from potential chemical attack

## Products

SolarSeal  
SolarTech VE 55 Laminate

## Application Procedure

1. Clean and neutralize concrete
2. Grit blast metallic areas
3. Stripe coat areas of detail with SolarSeal and SolarTech
4. Prime with SolarSeal
5. Apply SolarTech PE 55 laminate by hand
6. Overlap laminate for seamless system
7. Expose to artificial UV light from lamp to cure

## Pictures

1. SolarTech bonds to concrete and conforms to shape
2. SolarTech bonds to steel for protection of transition areas
3. Once the laminate is applied, it is cured by exposure to UV lamp
4. Completed application



Photo 1



Photo 2

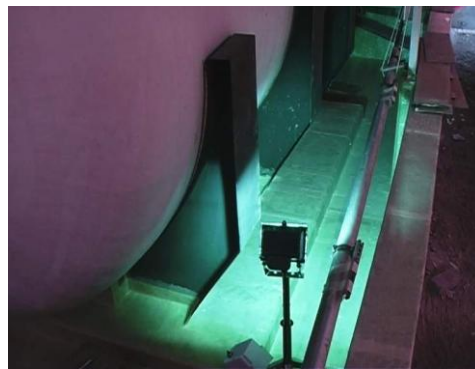


Photo 3



Photo 4

## Benefits

- **Full protection**
  - Adhesion to concrete and steel, protection of transition areas
  - Conforms to shape, including tight angles
  - No pinholes with laminate applied as sheet
  - Cured system is seamless
- **Quick turnaround**
  - No mixing or heating required
  - Rapid cure with UV lamp
- **Easy application**
  - Laminate is applied by hand
  - No need for specialized equipment
- **Mechanical and chemical resistance**