SolarTech

UV CURING COMPOSITES

New Tank Lining

Application Focus

05.10.01

Industry
Water treatment

Equipment
Sewage tank / steel

Date of application
May 2010

Situation
New tank to be protected from corrosion effects of sewage waste

Products
SolarSeal
SolarTech PE 55 Laminate

Application Procedure
1. Grit blast tank surface
2. Apply SolarSeal primer and let cure
3. Apply SolarTech PE 55 wet on dry and let cure
4. Coat seams with SolarSeal

Pictures
1. Surface primed with SolarSeal
2. SolarTech PE 55 applied to walls. Wet edge maintained with black tape.
3. Staggered laminate overlaps. Floor bracket contours coated and covered with black tape.
4. Floor coated and seams sealed with SolarSeal.

Photo 1

Photo 2

Photo 3

Photo 4

Benefits
- **Quick turnaround**
  - Controlled working life by shielding from UV light
  - Rapid cure and return to service
- **Easy hand application**
  - No specialist equipment needed
- **Seamless system**
  - Overlaps are chemically reacted
- **Excellent chemical and mechanical resistance**