

Job Reference

CLIENT: Steel Company in U.A.E.

DATE: September 2009

LOCATION: Mussafah, Abu Dhabi

EQUIPMENT: Electrolizer Tank



PROBLEM: An electrolizer waste water tank constructed of GRP panels had developed numerous leaks at the panel joints.

SOLUTION: After abrading the surface, SolarFill was used as a fillet on all seams. These areas were then overlaid with a 150 mm strip of SolarTech type 55 laminate and cured using a 400W UV lamp.

Following this the repair and protection of the tank was completed with two layers of SolarTech type 55 applied in opposing directions with SolarSeal applied between layers.

WHY SOLARTECH? The client was convinced that SolarTech would bond to the existing GRP and be applied and put back into service far quicker than alternatives being considered.



Electrolizer Tank



Preparation of the surface



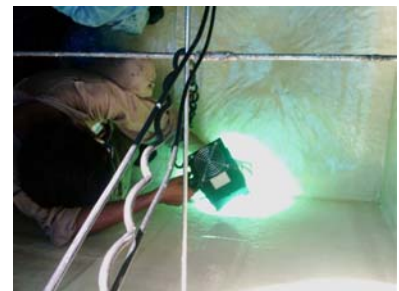
SolarSeal was used to seal joints between panels



Joints are sealed by single layer stripe of SolarTech Sheet Laminate



Application of the SolarTech Sheet Laminate



Material inside the tank was cured using handheld UV lamp