

Xrosswater “Extreme” **Extreme Corrosion, Extreme Climate**

The following pictures were from a 140m walkway project that was delivered to a Gold Mine in Ghana.

On completion of the build, we assembled the whole platform structure in the Xrosswater warehouse and then disassembled it and shipped it in 1x 40ft containers to Accra.

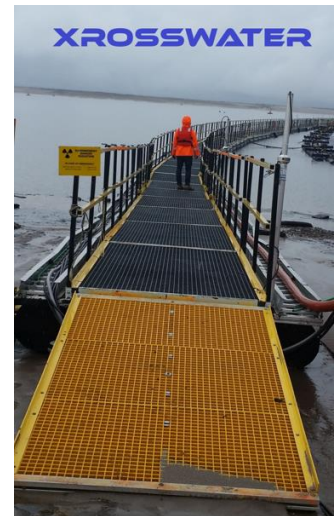
The design was a 2 x submersible pump platforms and 1 intermediary platform to support the pipe valves and return water lines.

The deck was a custom made FRP / GRP grating bound to an FRP / GRP back panels with a FRP / GRP subframe. The float units were secured by custom made 316 Stainless steel brackets and the whole structure assembled with 316 stainless steel fasteners and stainless steel clench nuts. For Extreme environments Xrosswater, with assistance from Sandvik corrosive metallurgical engineer, we sourced the correct stainless steel fasteners that are hard enough to withstand the corrosion, withstand extreme thermal differences and assemble without galling.

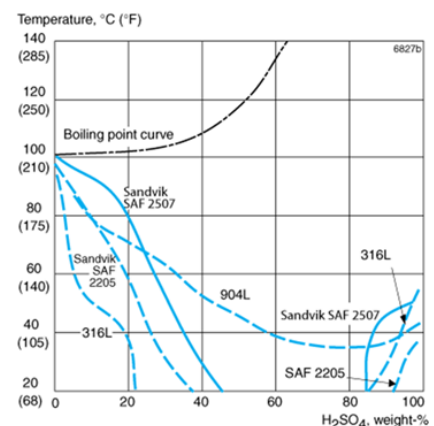
140m FRP walkway & 2 pump platforms shipped to Ghana

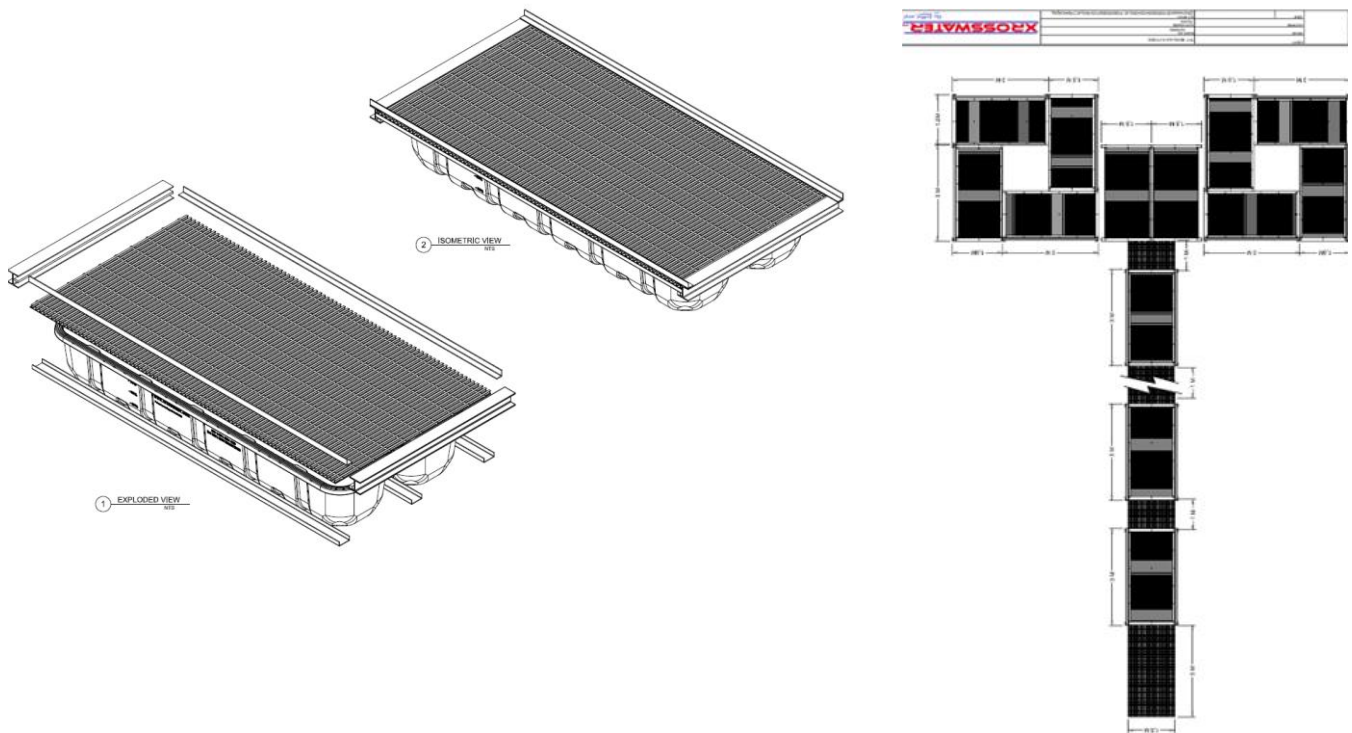


Access Ramp at start



Stainless steel examination





FRP Non Slip Composite sandwich panel deck

With Xrosswater's constant desire to improve quality, strength and reduce weight, Xrosswater now supply a universal flat deck surface produced in Germany with a Non slip of rating of R13. Used and proven in climate of – 40F in Canada to +40F in Saudi Arabia, this is the most ergonomic walkway surface offering extreme longevity unmatched by any hybrid leisure structure.

Strong and resistant enough to operate in extreme environments anywhere in the world but light enough to be handled fast and efficiently without large cranes and related costs, especially in isolated locations.

Twin thermoformed buoyancy chamber produced from virgin HMWPE that are stronger, thicker and superior in all factors to roto moulded low density polyethylene and without the need for polystyrene or Polyurethane fill that cannot be recycled and often pollutes the water, sea and shorelines.

US Military impact tested for 24 hour at – 40F (-40c) No cracks or visible damage. See web. Proven use at sub-zero and at plus 40C

