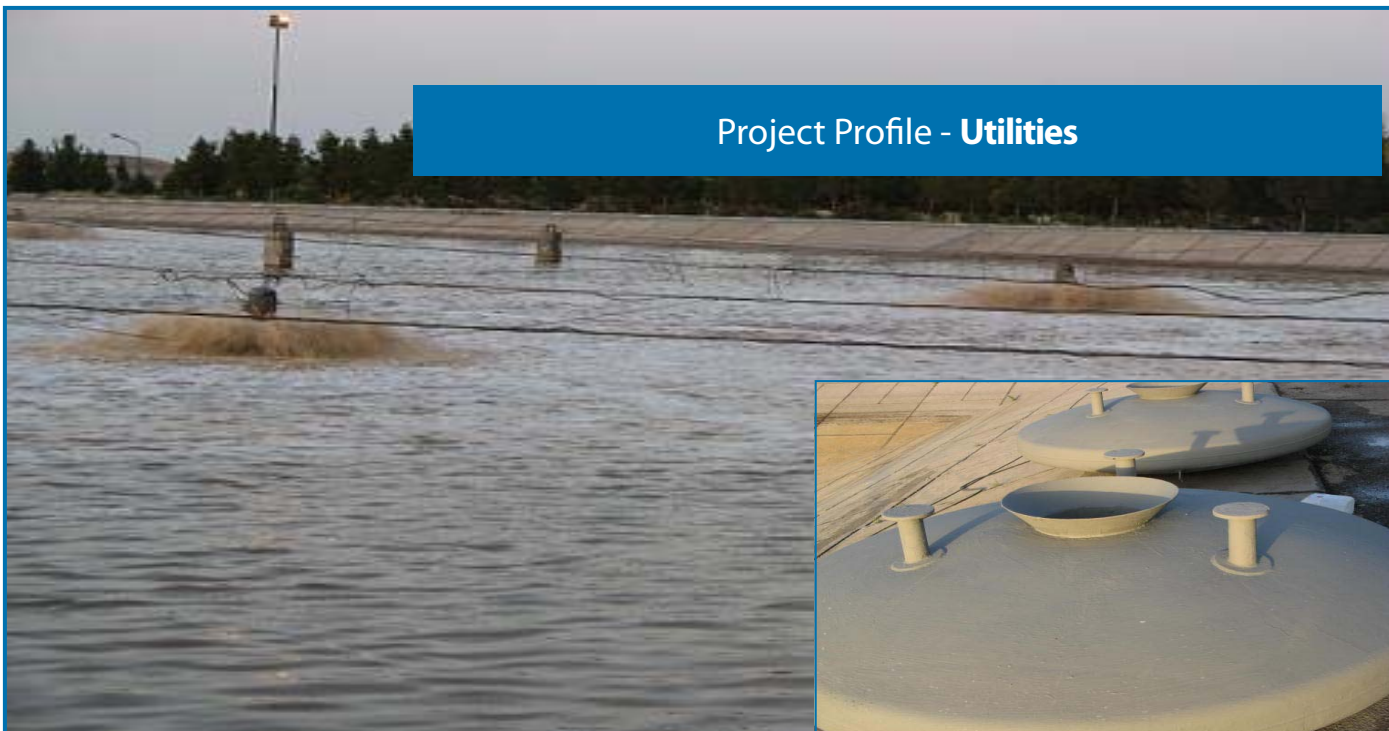


Project Profile - Utilities



PROJECT

**External and Internal Lining of
Sewer Aerator Floats, Iran**

SUMMARY

Protection of steel aerator floatation units in contact with sewage

PRODUCTS

Cemprotec E942

CLIENT

Qom Waste Water Authority, Iran

CONTRACTOR

Delfard Sistan Co, Iran

BACKGROUND ►

The sewer aerator floatation units were suffering from advanced corrosion owing to aggressive attack of acidic waste water combined with the inevitable effects of impact damage.

The surface deterioration was exacerbated by exposure to harsh direct sunlight, and the historic use of coal tar or epoxy coatings had proved unsuccessful. The Qom Waste Water Authority sought modern alternatives, and the prospect of a novel cement based material was welcomed by the Client.

THE SOLUTION ►

Cemprotec E942 is a polymer and epoxy modified cementitious coating which is applied without a primer, its unique reactive passivating mechanism giving immediate protection. It was chosen due to ease of application by unskilled labour using simple brush techniques. Prior to application of the product, the contractor used ultra high pressure water washing to remove corrosion and surface contamination, whilst also cooling the surface immediately prior to application. **E942** does not require preparation to Sa2½ providing cost-effective corrosion control.



FM 41091
EMS 597350
OHS 597351

Quality
Environmental
Health & Safety

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