

# Desalination Plant – Limassol, Cyprus

POLYUREA

<b>Construction Contractor</b>	MEKOROT Enterprise Limassol Desalination Plant
<b>Consultant</b>	Orokoa Israel/ Bitelman Ltd.
<b>Coating Contractor</b>	Polymer Group/ Eco&Logi
<b>Project Area</b>	Tank Linings 3,100 sqm
<b>Construction</b>	February 2013
<b>VIP System</b>	QuickPrime Epoxy SF QuickSpray Industrial W



## Project Description

Lining of 4 concrete tanks of sea water and potable. Long-term durability is needed, as any repairs during the operation are costly and complicated. To reduce shutdown times, a fast coating system was required. The surface was pre-treated with an EP primer incl. a moisture barrier. QuickSpray Industrial W (100% Polyurea) was chosen thanks to its mechanical properties, chemical resistance and potable water approvals (WRAS-UK, SII-IL).

### Processing steps:

- High pressure washing of surface
- Abrasive blast
- Resurfacing by cementitious mortar
- Priming
- QuickSpray IND W @ 1.5mm applied

The application was completed in few days to the complete satisfaction of the owner.

