

Potable water storage tank (Aveiro, Portugal)

Classification	New construction
Type of structure	Potable water tank
Place/Time	Aveiro – Portugal, September of 2016



Project	Krystaline was used to provide a waterproofing system for the building of a new potable water tank for the chemical company CIRES. The water tank was designed to provide a backup water supply in case of an interruption of the main supply and to supply water to the fire suppression system in case of emergency.
Purpose for application	The client chose a crystalline waterproofing system with Krystaline Add1 admixture instead of the locally prescribed system which employed PVC liners.
Application Terms	Water storage tank: 50 m long, 30 m wide, 5 m high
Products applied	<ul style="list-style-type: none"> • Krystaline Add1 • Krystaline K-BAR SW • Krystaline BLOCK • Krystaline 1
Application methods	Krystaline Add1 was added to the ready-mix trucks at the site as a waterproofing admixture dosed at 1kg per m ³ . Krystaline 1, Krystaline BLOCK and Krystaline K-BAR SW were used in conjunction to waterproof construction joints as per Krystaline joint design instructions.

