

MUNICIPAL WATER STORAGE TANKS



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Two large tanks (6 m high, 31 m diameter) were installed to store drinking water for the town of L'Aquila in Italy. Thanks to the Aquawall technology adopted for this project, the tanks could be completed and installed in only 18 days. Three days were required to erect the prefabricated walls, while the remaining 15 days were devoted to the vertical welding of the walls and the installation and welding of the tank bottoms.

Aquawall is a double-wall panel that is lined with stainless steel. This patented technology allows the welding to be protected on both the visible and non-visible sides and guarantees the perfect adherence of stainless steel to concrete.



Location | L'AQUILA, ITALY

Environment | UNDERGROUND

Product | COLD ROLLED SHEETS, PREFABRICATED WALLS LINED WITH STAINLESS STEEL.

Fabrication process | BENDING, WELDING

Grade/surface | AISI 304

Material thickness/diameter | PANELS: 1,960 X 6,000 MM/1.5 MM; THICK. PILLARS: 500 MM DIAMETER.

Weight | 40,000 KG

Competing material

Date of Completion

Manufacturer | CONTRACTORS: I PLATANI SRL - GRUPPO PALMERINI.

Material Supplier

Source of Information | CENTRO INOX

Remarks | AQUAWALL PANEL AND BOTTOM INSTALLATION: DELLA CAGNOLETTA SRL. AQUAWALL PATENT: ANTONIOLI COSTRUZIONI