

WATER TANK STRUCTURAL REINFORCEMENT

JOB DETAILS:

MARKET:

Water & Wastewater

PRODUCT:

CarboComp Plus
CarboComp Textile 300
CarboComp 5800 BL
CarboComp 5800 LPL

AREA:

Water Tank

DATE:

September 2013

MATERIAL QUANTITY:

105 Metres of CarboComp Plus & 25 Square Metres of CarboComp Textile 300



THE CHALLENGE

Due to chemical attack from wastewater, both the concrete and underlying reinforcement of this water tank was attacked, reducing the structural capacity of the tank. The client required a durable, long-term solution that could resist future chemical attack.

THE SOLUTION

CarboComp Carbon Fibre Strengthening was chosen to reinstate the integrity of the tank due to high tensile strength and stiffness, low self-weight, low creep, high durability and excellent chemical resistance. A total of 105 metres of CarboComp Plus and 25 square metres of CarboComp Textile 300 was used.

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