

# Project Profile

## Changi Water Reclamation Project (CWRP) Singapore

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Changi Water Reclamation Project (CWRP) which was officially opened in August 2006 is a milestone event in the development of sanitation system in Singapore using the latest technology. The implementation of CWRP transforms the management of waste water in Singapore and provides high sanitation standards in Singapore for generations to come

Today in Singapore we consume about 300 million gallons of clean water a day. Changi Water Reclamation Plant (CWRP) provides the solution to the needs to increase water capacity with the state of art, compact and covered facilities.

We are proud to be the Silica Fume Supplier to the Concrete Manufacturer for this project required to supply High Durability Concrete to meet the durability requirement such as Water absorption <1% (BS 1881, Part 122), Permeability < 1,000 coulombs (AASHTO T-277), Water Penetration <10mm (DIN 1048), Permeable Voids <4% (ASTM C642) & Absorption <10% (ASTM C642).

