



# COOPERS SHOOT 10ML WATER TANK

BRISBANE, QLD

POST TENSIONING

## PROJECT

Coopers Shoot 10ML Water Tank

## CLIENT

Leed Engineering and Construction Pty Ltd

## FORTEC CONTACT

07 3024 4999

## DESCRIPTION

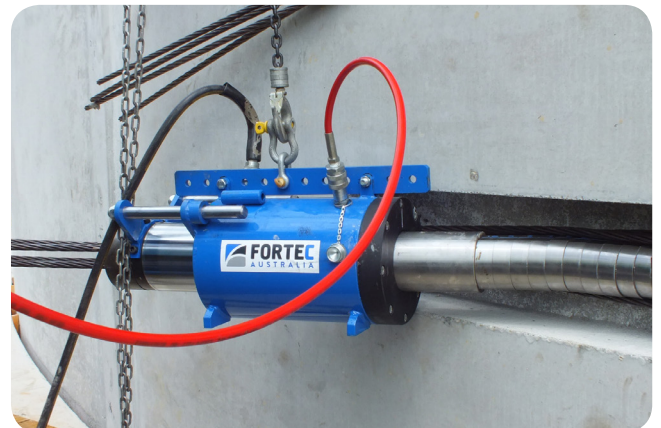
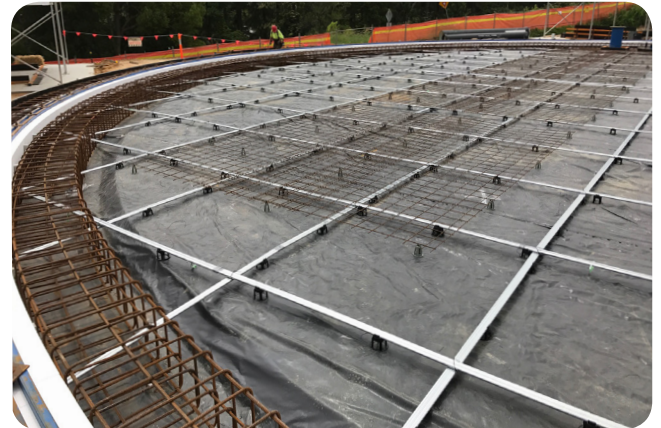
Fortec was engaged by Leed Engineering and Construction to supply and install post tensioning services to a new 10ML reservoir at Coopers Shoot and a new 1.35ML reservoir for Bangalow, located in Byron Bay .

The Scope of work included the supply of all materials and labour for the installation, stressing and grouting of post-tensioning tendons to the following areas per tank:

- ▶ Tank base and ring beam – Supply and installation of 28No. flat slab tendons in base slab and 4No. multi strand tendons in the ring beam
- ▶ Precast Wall Panels Vertical tendons - Supply, prefabrication, stressing and grouting of 24No. standard precast panels and 4No. stressing panels
- ▶ Precast Wall Panels Horizontal tendons - Supply and installation of strand, stressing and grouting of 34No. 406 wall ring tendons with the MK4 Z Block System.

## HIGHLIGHTS

- ▶ First use of MK4 System Z Blocks in Australia.
- ▶ MTI/LTI Free.
- ▶ First Tank project conducted in Queensland.



IMAGES (FROM TOP TO BOTTOM)

- ▶ Base slab Installation.
- ▶ Z Block wall stressing.
- ▶ Internal view of completed tank.