

CARLOW CONCRETE TANKS

DRAWING TITLE:
2.4m Ø x 2.75m PRECAST
CONCRETE PUMP
CHAMBER
- TYPICAL DETAILS.

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TYPICAL INSITU CONCRETE SPECIFICATION:
CONCRETE GRADE: C28/35
MIN. CEMENT CONTENT: 320 kg/m³
MAX. W/C RATIO: 0.55
MAX. AGGREGATE SIZE: 20mm
STEEL FIBRE DOSAGE: 20 kg/m³
STEEL FIBRE TYPE: DRAMIX RL 45/50 BN
(OR SIMILAR)

STANDARD LID DESIGN LOADS:
IMPOSED LOAD: 10 kN/m² UDL OR 5,850 kg WHEEL LOAD
DEAD LOAD: UP TO 1m OVERBURDEN
HEAVY DUTY OR CUSTOM LIDS CAN BE MANUFACTURED FOR
MORE ONEROUS APPLICATIONS.

STANDARD ACCESS OPENING SIZES:
- 1400mm x 850mm
- 900mm x 600mm
- 600mm x 600mm
NON STANDARD SIZES ARE AVAILABLE ON REQUEST

STANDARD UNIT WEIGHTS:
- BASE: 8.5 tonnes
- 1m RISER: 2.12 tonnes
- 2m RISER: 4.23 tonnes
- 3m RISER: 6.35 tonnes
- LID: 2.1 tonnes

