

25,000 LITRE PRECAST CONCRETE WATER HOLDING TANK MODEL H25HL

WILKINSON HEAVY PRECAST LIMITED

DUNDAS, ONTARIO

1-800-263-8503

LOW PROFILE CLASS H - HEAVY CONSTRUCTION

CONSTRUCTION DETAILS *

Concrete: 35 MPa at 28 Days, 5 to 8% Air Entrainment.

Reinforcing: 20 M bars at 300 mm centres each way in walls, partition and floor.
2 Mats of Bars in top slab.

Top Mat - Six 20 M bars evenly spaced (Long Direction)

Bottom Mat - 15 M bars at 200 mm centres each way.

Eight extra 15 M bars around roof access opening.

Minimum cover over reinforcing steel - 25 mm.

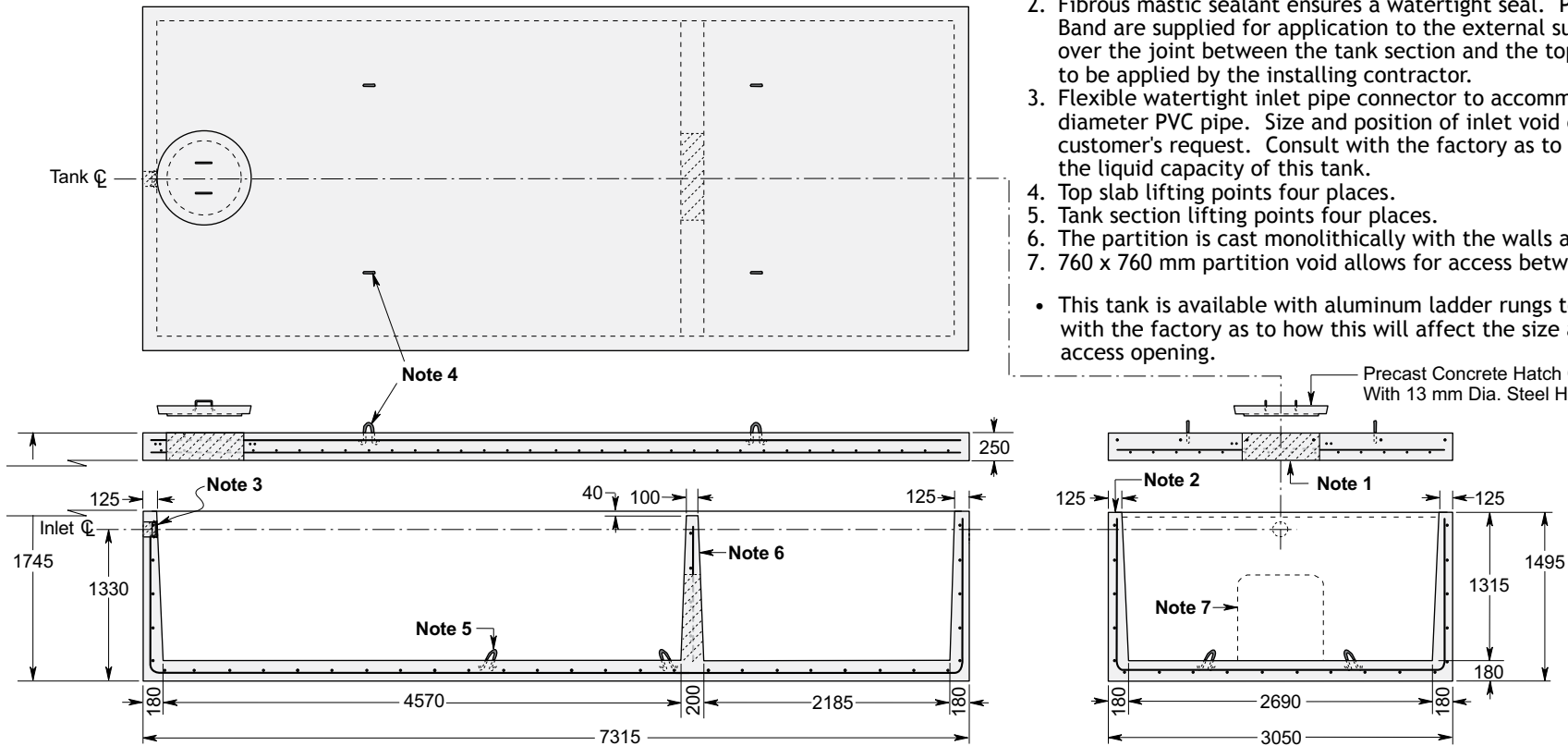
Weight: Top Slab 13,910 kg
Tank Section 21,700 kg
Total 35,610 kg

Actual Capacity: 18,785 Litres Per Vertical Metre.
24,700 Litres to Underside of Roof Slab.

NOTES

1. Large 685 mm diameter roof access opening facilitates tank maintenance. Unless otherwise specified/ordered this tank will be shipped with a 840 mm diameter concrete hatch cover. Please note that the cover weighs approximately 125 kg and must be handled only with suitable mechanical lifting equipment. Please see section for available options.
2. Fibrous mastic sealant ensures a watertight seal. Primer and Mastic Band are supplied for application to the external surface of the tank over the joint between the tank section and the top slab. This band is to be applied by the installing contractor.
3. Flexible watertight inlet pipe connector to accommodate 100 mm diameter PVC pipe. Size and position of inlet void can be modified at customer's request. Consult with the factory as to how this will affect the liquid capacity of this tank.
4. Top slab lifting points four places.
5. Tank section lifting points four places.
6. The partition is cast monolithically with the walls and floor.
7. 760 x 760 mm partition void allows for access between chambers.

- This tank is available with aluminum ladder rungs to the floor. Consult with the factory as to how this will affect the size and location of the access opening.



Dimensions in mm
N.T.S.

*Product designed for a Maximum 2 Metre burial over the top slab in firm soil away from any area of vehicular traffic.

For recommended installation procedures refer to Wilkinson