25,000 LITRE PRECAST WASTEWATER HOLDING TANK MODEL H25L

WILKINSON HEAVY PRECAST LIMITED
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LOW PROFILE

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.
15 M bars at 200 mm centres each way in top slabs.
Eight extra 15 M bars around each roof access opening.
Minimum cover over reinforcing steel - 25 mm.

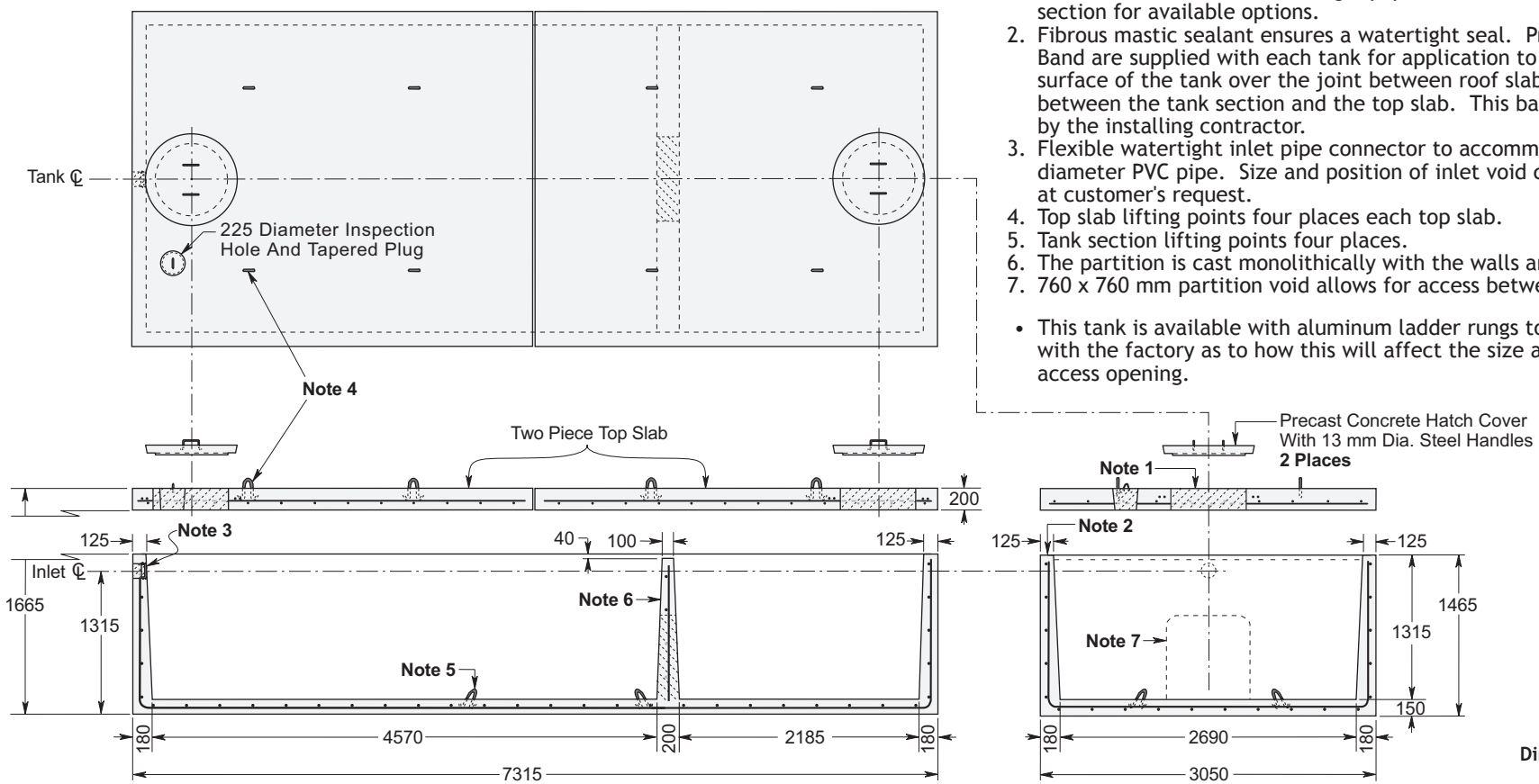
Weight: Top Slabs 11,100 kg (5550 kg each)
Tank Section 20,100 kg
Total 31,200 kg

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

NOTES

1. Large 685 mm diameter roof access openings facilitate tank maintenance. Unless otherwise specified/ordered this tank will be shipped with 840 mm diameter concrete hatch covers. Please note that each cover weighs approximately 125 kg and must be handled only with suitable mechanical lifting equipment. Please see Access Riser section for available options.
2. Fibrous mastic sealant ensures a watertight seal. Primer and Mastic Band are supplied with each tank for application to the external surface of the tank over the joint between roof slabs as well as 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.
4. Top slab lifting points four places each top slab.
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.

* Commensurate with a **1.2 Metre** burial over the top slab in firm soil away from any area of vehicular traffic.

For recommended installation procedures refer to Wilkinson Installation Guidelines and Lifting and Assembly Instructions.

WARNING ! IMPROPER INSTALLATION ESPECIALLY IN UNSTABLE SOILS CAN RESULT IN THE STRUCTURAL FAILURE OF THIS PRODUCT