

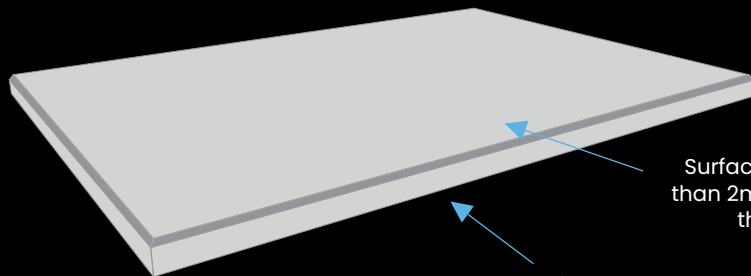
HOT PRESS, INTERNALLY FLANGED BASE (IFB). Tank Support & Clearance Requirements

An internally flanged base tank can be placed directly on to a continuous flat surface e.g. plinth or tank room floor providing that the surface does not vary more than 2mm in any 1m or a total of 6mm in any 6m, measured laterally or diagonally.



The completed base structure shall be capable of supporting the weight of the tank and its maximum water load i.e. filled to the brim, along with any potential wind or snow loads as applicable.

If foundations are to be provided by suspended floors or beams, then the foundation should be constructed so that when the tank is full, the combined deflections should not exceed 1/500th of the span (BS EN 13280:2001).



Surface variance not more than 2mm in 1m AND no more than 6mm in 6m

Primary support

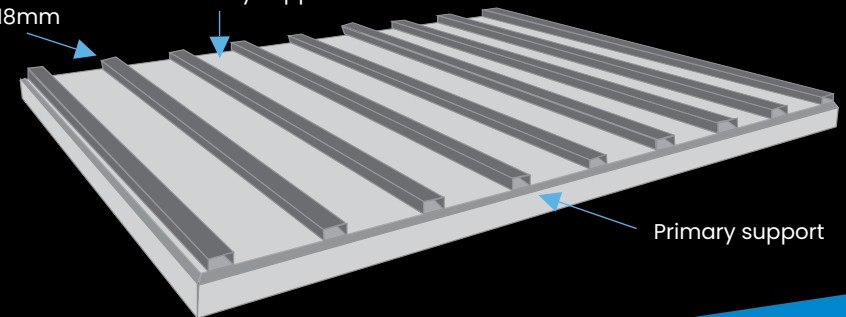
Alternatively, if the plinth tolerance cannot be achieved, the use of levelling steels will allow you to take up any irregularities with shims up to a maximum of 18mm.

Our standard levelling steels are 100mm x 50mm high galvanised box section and must be fully supported (non-spanning) and positioned at 500mm centres.



Shims not exceeding 18mm

Secondary support



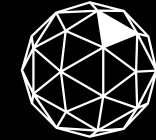
Primary support



REGULATION 4
Approved

tricelwater.co.uk





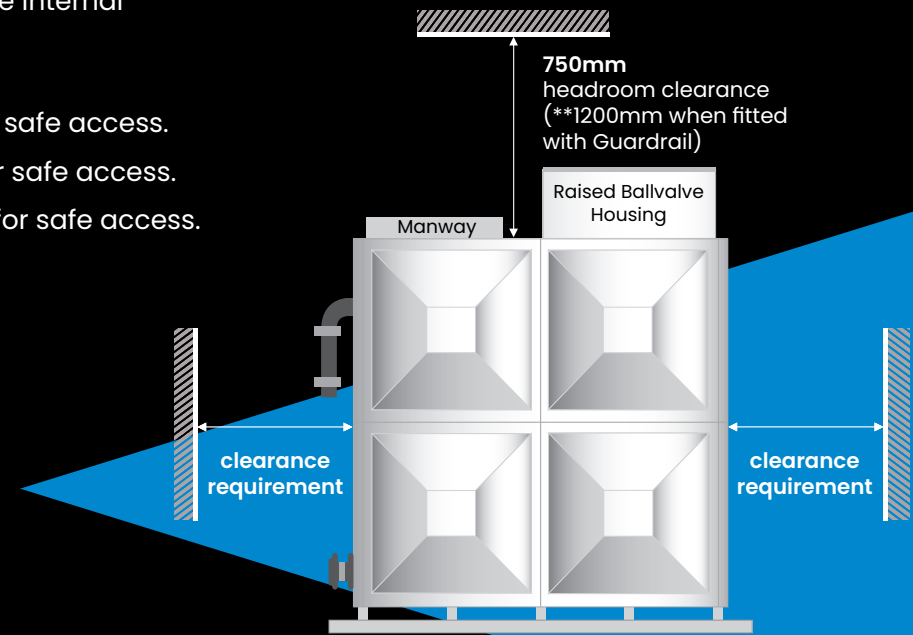
CLEARANCE REQUIREMENTS.

For Installation and Future Maintenance

This style of tank is not suitable for pushing up against a wall, or where there is restricted space or headroom. Listed below are the minimum clearance requirements taken from the internal measurements of the tank:

- 1m > 2m = 500mm* perimeter clearance and 750mm** headroom clearance for safe access.
- 2.5 & 3m = 800mm* perimeter clearance and 750mm** headroom clearance for safe access.
- 3.5m & 4m = 1000mm perimeter clearance and 750mm** headroom clearance for safe access.

Tank Height	Clearance Requirement
3.5m & 4m	1000mm clearance on all sides
2.5m & 3m	800mm clearance on all sides*
1m > 2m	500mm clearance on all sides*



Profile view of typical 2m high tank

1205382 / 2-UK-JAN 2024

WATER STORAGE SPECIALISTS

TRICEL LANARK

Riverside Road, Kirkfieldbank, Lanark,
ML11 9JS, United Kingdom.
Tel: +44 (0) 1555 700620
Email: lanark@tricelwater.co.uk

TRICEL WESTON

Winterstoke Road, Weston-super-Mare,
BS24 9AN, United Kingdom.
Tel: +44 (0) 1934 421 477
Email: weston@tricelwater.co.uk

TRICEL CROYDON

10 Tait Road, Croydon, CR0 2DP,
United Kingdom
Tel: +44 (0) 208 103 6056
Email: croydon@tricelwater.co.uk

PUMPING SOLUTIONS

TRICEL PORTSMOUTH

Unit 14, Arnside Road, Waterlooville,
Hampshire, PO7 7UP, United Kingdom
Tel: +44 (0) 196 258 7244
Email: websales@tricelpumps.co.uk