

Site Requirements

Dewey Waters Ltd
Heritage Works
Winterstoke Road
Weston-Super-Mare
BS24 9AN
Tel: 01934 421477
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The Customer will provide free issue the following items:

- (1). 110v supply within 15m of erection point.
- (2). Hoisting, craning or manhandling of panels to a point immediately adjacent to the place of erection and at the same level.
- (3). Scaffolding will be required when:
 - a. The top of the tank is over 2m above the base area.
 - b. The top of the tank, even though it is less than 2m above the base, in itself is more than 2m above any immediately surrounding area upon which the erectors must stand to work.
 - c. When the tank is on elevated steelwork,

scaffolding will also be required on the underside of the tank within 1.5m of the base surface.

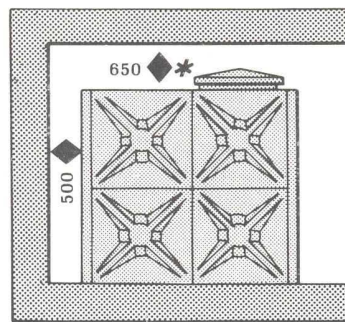
NB: Provision of a mobile tower in general will be satisfactory providing the working area on which it stands permits its safe use, failing which, tube and clip scaffolding must be provided.

* The 650mm clearance above the tank is the minimum erection clearance. Some authorities require a minimum of 1 metre. Please check.

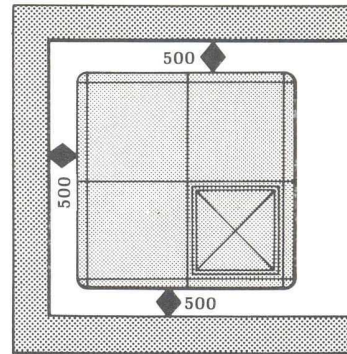
■ Tolerances are required on all dimensions and planes and where not stated shall be at our discretion as normal for our trade.

**dewey
waters**

GRP Sectional Tank Minimum Clearances

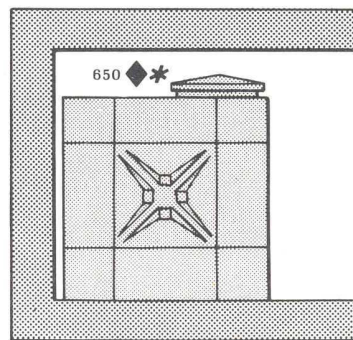


Side/End Elevation

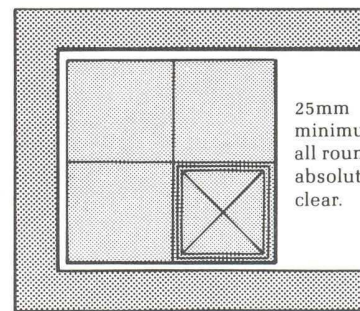


Plan

Standard Sectional Tank



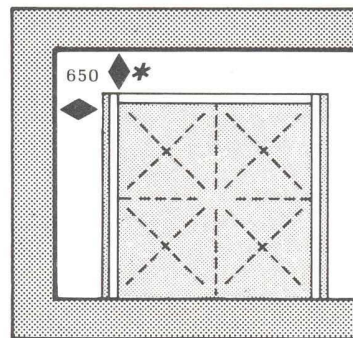
Side/End Elevation



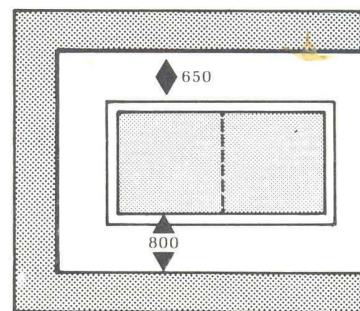
Plan

Totally Internally Flanged Sectional Tank

Standard Sectional Tank with Sistin Insulation



Side/End Elevation



Plan

Technical Specification

GRP Sectional Tank Foundation Requirements

NOTE:

WHERE THE TANK IS TOTALLY INTERNALLY FLANGED (T.I.F.) THE OUTER SUPPORTS AT EACH END WILL NEED TO BE AT 460mm CENTRES. ALL OTHER SUPPORTS REMAIN AT 500mm CENTRES.

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The top of the foundation (whether it be flat or screeded concrete or steelwork or support walls or pillars) shall be flat and level and free from local protuberances and hollows and not vary more than 2mm in any 1 metre or a total of 6mm in any 6 metres, measured laterally or diagonally. (In steel foundations the additional permitted deflections must not carry the flatness outside these parameters).

In the event of the erection team arriving and finding the foundation unsuitable or not ready, the tank will not be erected. In such circumstances the customer will be so advised and the abortive trip charged for. (N.B. This is the most common

site problem!). In specifying the requirements for the foundation we must emphasise that no responsibility for the structural aspects of the matter is taken.

This is the Customer's sole responsibility and should be specified by appropriately qualified Engineers.

Where tanks are divided, all partitions must be fully supported by steelwork running continuously beneath it.

IMPORTANT

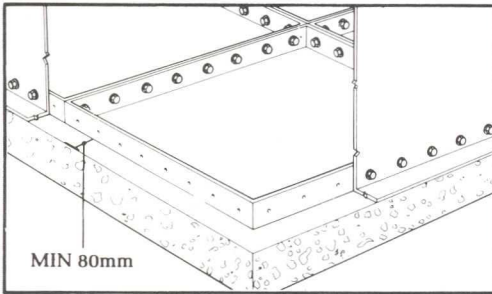
Each of these tank base options uses **different base panels** and the choice must be made at enquiry/order stage. **It is not possible to change options after delivery.**



Technical Specification

OPTION 1.

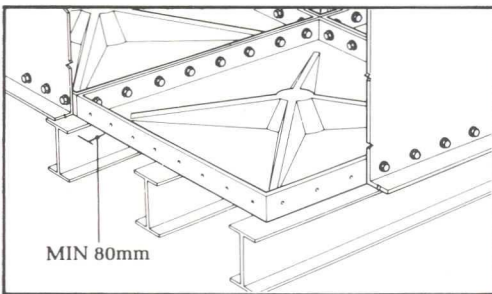
FLAT BASE - INTERNALLY BOLTED BASE PANELS on a flat concrete foundation.



MIN 80mm

OPTION 2.

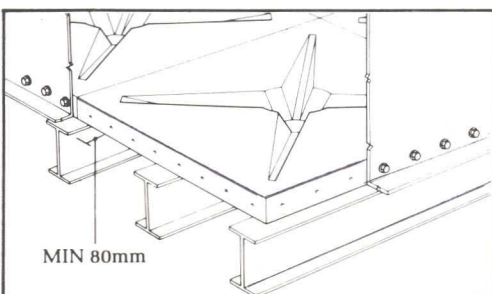
HALF-SPAN BASE - INTERNALLY BOLTED BASE PANELS. Steel RSJ's or Dwarf Walls. Width - 75mm min/150mm max. @ 500mm centres for 1000 Series @ 610mm centres for 1200 Series



MIN 80mm

OPTION 3.

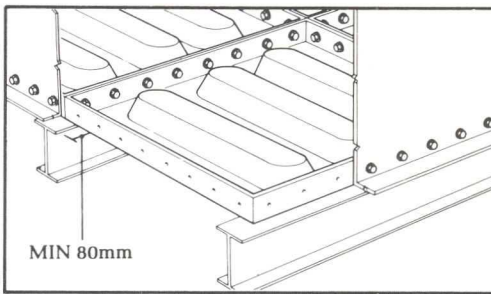
HALF-SPAN BASE - EXTERNALLY BOLTED BASE PANELS. Steel RSJ's (NOT Dwarf Walls). Width - 75mm min/150mm max. Height - 600mm min (to allow clearance for tank erectors!) @ 500mm centres for 1000 Series @ 610mm centres for 1200 Series



MIN 80mm

OPTION 4.

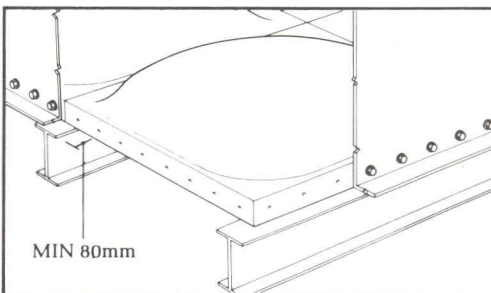
FULL-SPAN BASE - INTERNALLY BOLTED BASE PANELS. Steel RSJ's or Dwarf Walls. Width - 75mm min/150mm max. @ 1000mm centres for 1000 Series @ 1220mm centres for 1200 Series



MIN 80mm

OPTION 5. FULLY SELF-DRAINING

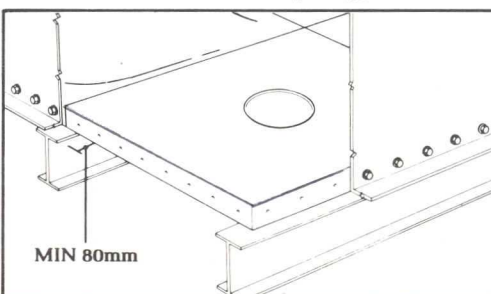
FULL-SPAN BASE - EXTERNALLY BOLTED BASE PANELS. Steel RSJ's or Dwarf Walls. Width - 75mm min/150mm max. Height - 600mm min (to allow clearance for tank erectors!) @ 1000mm centre for 1000 Series @ 1220mm centre for 1200 Series



MIN 80mm

OPTION 5a. BASE SUMP PANEL

Used in conjunction with 5. Please advise size and position of the base drain connection when placing your order.



MIN 80mm

NOTE: Dwarf walls can be Concrete Block, Brick or Cast Reinforced Concrete.