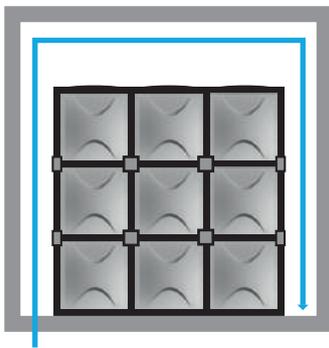


INTERNALLY FLANGED BASE

IFB Tanks are intended to be installed where there is adequate space to the sides of the installation to allow the fixing of the panels from outside the tank but where a headroom restriction may be present. Nevertheless, a minimum clearance of 500mm is usually required on all sides.



The base panels are fastened together from inside the tank itself with the tank being installed on a flat and level base capable of fully supporting the tank and with absolutely no movement.

The fixing components for the tank base are only reachable from the inside of the tank. This provides more headroom as the tank does not need to be raised to allow man access to the base panels. However, there is still a requirement for adequate headroom above the tank intended for opening of the manway cover. We recommend 750mm because the base panel flanges are facing into the tank, an IFB will have a remaining depth of water (80mm) after draining which needs to be pumped out to thoroughly empty the Tank.

The flat and level base must be 300mm longer and wider than the external dimensions of the Tank. The final base support system must be flat and level and strong enough to support the weight of the tank when full without any movement.

The base structure for IFB Tanks must be to the following tolerances:

- **2mm in any square metre of the Tank**
- **Maximum beam deflection 1:500 of entire span**

* **Please note:** If the Tank room has space restrictions which may prevent access to the sides of a Tank then a **Total Internally Flanged Tank (TIF)** should be considered.



GRP Water Tank Specialists

Victoria Mill, Lincoln Street, Preston, Lancashire, United Kingdom PR1 6RE

Tel: +44 (0)1772 825757 | Fax: +44 (0)1772 204967 | Email: sales@deccatanks.co.uk | Web: www.deccatanks.co.uk