

SAFEWALL® TANKS FROM NIPLAST®

SAFEWALL® integrally banded tank technology from NIPLAST® is derived from recognising a common problem for clients, that is the need to fully band a liquid storage tank, but without the space required for a traditional 'cup and saucer' tank and bund format.

SAFEWALL® tanks have therefore been conceived by combining a high specification thermoplastic storage tank within a close-fitting thermoplastic bund. This 'twin-wall' construction creates an internal minimum 110% capacity bunding cavity within the overall fabrication, for the collection of any overflow or leakage, without extending the overall footprint by more than a few hundred millimetres.

The internal tank and the outer bund both feature their own dedicated bases unlike other manufacturers' systems which locate concentric walls onto one common base. The completed SAFEWALL® tank is manoeuvred and installed as a one-piece system.



The system includes overfilling and leak detection within the bunding cavity, alerting operators via beacon and klaxon and other signal types. Isolation valves located within the internal tank can be actuated from outside the tank to close down drain and outlet lines.

The number of connections through the tank and bund walls is kept to a minimum and can be reduced to zero with the option of roof only mounted connections. Both the internal tank and the outer bund are constructed from the highest rated welding technique within BS EN 12573, i.e. the butt fusion of extruded thermoplastic plates.

Niplast fabrication technicians are certified to EN 13067 by The Welding Institute (TWI).

- Polypropylene or high-density polyethylene construction to bs en 12573
- Capacities up to 120,000 litres, design life up to 20 years
- Manufacturing process means no diameter restrictions
- Internal conical and sloping base options
- Level indication options & breach alarm options
- Integral frost-protection systems available
- Access ladders, safety gates, roof hand-railing
- Minimal footprint possible
- Leak / overflow alarms
- one piece system

To request a quote or discuss further with an expert email info@niplast.com or call **0161 477 6777**

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STORAGE TANKS