

ULTIBALLAST NAVAL

The Ultimate high-density ballast solution



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ULTIBALLAST NAVAL is a dense, precision ballast solution, used in the latest generation of Royal Navy vessels including the Type 45 Destroyer and QE Class of aircraft carriers to provide optimum stability, manoeuvrability and performance.

To find out how **ULTIBALLAST** can help you achieve longer-lasting results, quickly and cost effectively call **0116 264 7226** or email **william.sinclair@tarmac.com**

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Precision control of densities and placement

Supplied in a range of carefully controlled densities from 1.5 – 5.2 metric tonnes per cubic metre, offering optimal control over stability, draft and trim.

Low volume requirement

The high achievable weight to volume ratio reduces space requirements for ballast, to maximise operational space within the vessel.

Permanent or temporary ballast

Available as a non-stiffened, semi-stiffened or fully-stiffened structural product. The structural version is recognised as permanent and does not require removal for mandatory inspections. Both the non-stiffened and semi-stiffened products can be removed using light weight mechanical aids, offering a versatile temporary ballast solution.

Faster, safer installation

Installed with minimal access requirements at various stages of construction. It is also non-toxic and non-flammable making it safer to install.

Non-corrosive

Highly alkaline, it is non-corrosive, forming a hydroxyl layer that passivates steel surfaces.

Low magnetic properties

Available as a Non-magnetic ballast and offers improved sound damping.

Ultimate expertise

ULTIBALLAST NAVAL is installed by our own experienced, security vetted engineers. We also offer a rapid response facility to meet operational requirements.