

Elite Precast Concrete **case study**

Sea Anchor Blocks supporting open-water swimming safety in Penzance...

For more information or technical advice, contact 01952 588885.

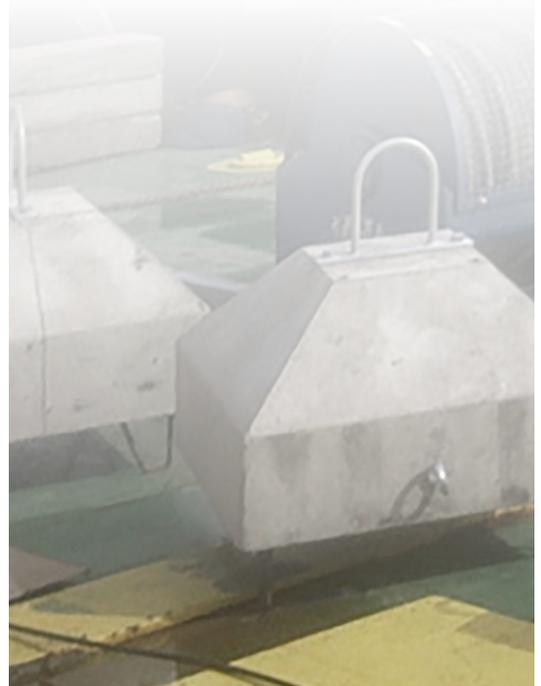
Elite Precast Concrete has manufactured a series of Sea Anchor Blocks to support a popular coastal tourist attraction in Penzance, in the South of England. The project involved securing a newly installed line of decorative buoys designed to create a clearly marked, safe open-water swimming zone for both recreational and long-distance swimmers.



Eight bespoke sea anchor blocks were manufactured and supplied to moor eight painted buoys, forming a 2km out-and-back swimming route in open water.

The Penzance open-water swimming community required a reliable anchoring solution that would:

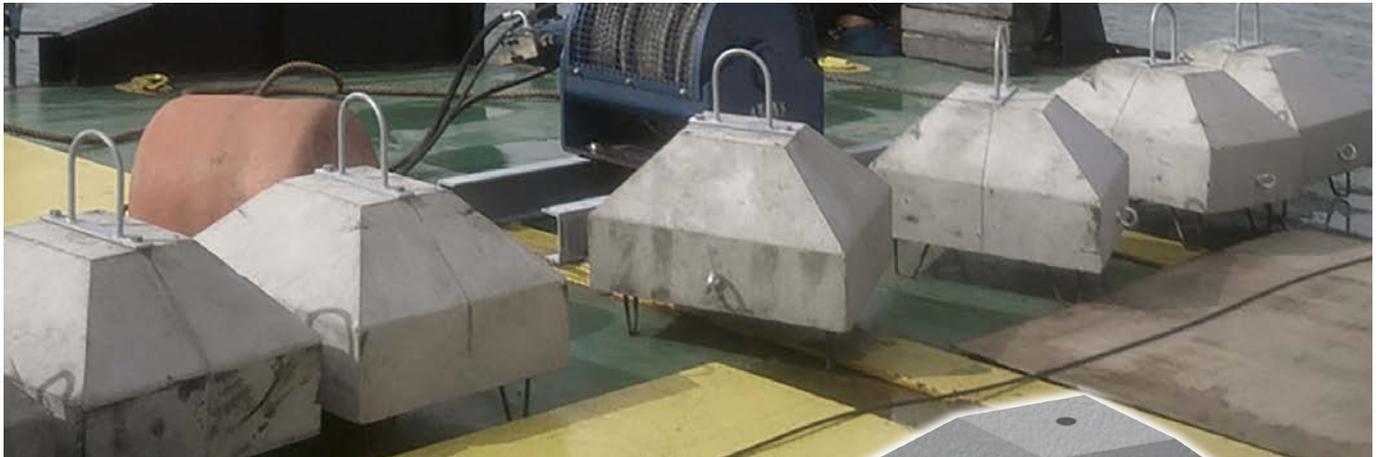
- Secure decorative buoys in open sea conditions
- Withstand tidal movement and coastal currents
- Resist long-term exposure to saltwater
- Prevent buoy drift that could compromise swimmer safety
- Provide a cost-effective solution for a community-led initiative



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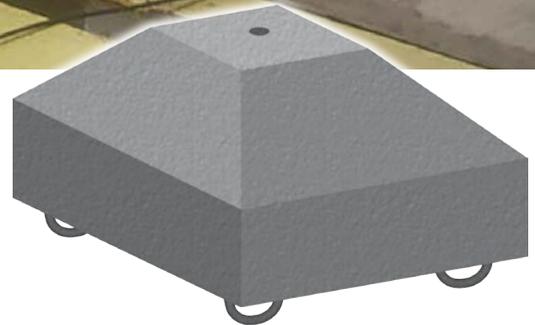
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Safety was the primary concern. Any movement of the buoys could create confusion regarding the designated swimming zone, potentially putting swimmers at risk. The Solution - Elite Precast Sea Anchor Blocks. Elite Precast Concrete supplied eight high-performance Sea Anchor Blocks, specifically designed for sub-sea ballast and marine mooring applications.



Key Product Features

- Heavy-duty precast concrete construction
- Engineered to provide stable, gravity-based anchoring
- Designed to endure harsh saltwater environments
- Galvanised steel lifting pegs for enhanced longevity
- Easy handling and positioning during installation



The blocks were deployed to securely weight the decorative buoys, ensuring they remained fixed in position despite tidal and environmental forces.

Community Collaboration

Local open-water swimmers painted the eight buoys with decorative sea scenes, turning the functional safety markers into visually engaging features. The buoys now serve both a practical and aesthetic purpose. The newly positioned buoys create a clearly defined 2km swimming route, allowing swimmers to train for distance swimming events, practise endurance swimming.

Owen Batham, Sales and Marketing Director at Elite Precast Concrete, commented:

“We were delighted to help support the Penzance swimmers with the mooring of the new buoys, and our Sea Anchor Blocks are perfectly suited to this type of project. The blocks are specially designed to endure the harsh conditions of the salty sea water, and each steel lifting peg is galvanised to ensure its longevity.”

The cost-effective anchoring solution has concluded a community-led initiative that serves as an engaging feature contributing to local tourism and demonstrates how Elite Precast Concrete's Sea Anchor Blocks provide dependable marine anchoring solutions for both commercial and community coastal projects.



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