INDEPENDENTLY TESTED BY · HORIBA MIRA · BS EN 1317 N1/W2 N2/W4

ELITE PRECAST CONCRETE

Keeping people and infrastructure secure with CONBARR®-TVCB

Temporary Vertical Concrete Barriers



Manufactured from high-strength reinforced precast concrete, ConBarr®-TVCB provides a durable, modular solution for traffic segregation and site protection.

Applications

- Highway works
- Traffic segregation
- Workforce safety
- Perimeter security
- Controlled site access

Benefits

- High-strength concrete
- Robust and durable
- Rapid deployment
- Reusable and relocatable
- UK manufacture

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CONBARR®-TVCB

Temporary Vertical Concrete Barriers

Engineered for ultimate resilience, ConBarr®-TVCB is manufactured from premium, high-strength reinforced precast concrete to deliver an exceptionally durable and long-lasting barrier system.

This modular solution provides maximum flexibility for a wide range of temporary or permanent applications, ensuring reliable traffic segregation on busy roadways and robust, heavy-duty asset protection across industrial, commercial and construction sites.

Independently tested

Crash-tested by HORIBA MIRA to BS EN 1317, the ConBarr®-TVCB system delivers certified vehicle containment for high-speed infrastructure projects. It achieved an N1/W2 rating (1.5-tonne car at 50mph with a 0.8m deflection) and an N2/W4 rating (1.5-tonne car at 70mph with a 1.2m deflection).

Standard unit: V28

Overall length	Modular length	Height	Width	Weight
3150mm	3000mm	800mm	450mm	2500kg

Stated performance levels apply exclusively to systems configured with the official Elite Precast jointing mechanism and deployed by an approved contractor. Ensure you confirm your project's exact layout configuration directly with Elite Precast Concrete prior to final specification.

Key Features

High-Strength Coupling

Modular units lock securely together at interlocking scarf joints using heavy-duty M24 high-tensile bolts, ensuring robust alignment and stability under load.



Reconfigurable Design

Engineered for ultimate versatility, the system allows for fast rehandling, allowing contractors to reposition and reuse modules as evolving site layouts dictate.

End-to-End Support

We provide comprehensive nationwide delivery alongside full technical assistance to streamline contractor logistics, handling and on-site assembly.

Safe Handling and Installation

Lift units from above using the designated pin anchors and clutches, or threaded sockets with certified lifting loops. Always use suitable lifting machinery and follow site-specific RAMS. Ensure ground suitability, layout planning, and structural requirements are fully verified before installation.

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