



Capability Statement

Consulting, design, manufacture, supply and installation of architectural crash-tested carpark barrier systems and metalwork systems.

Carpark Barrier Systems





WHO WE ARE

Car park barrier specialists

The Carpark Barrier Systems team has been involved in design, manufacture and installation of car park safety systems since 2009. We deliver the complete barrier and metalwork package, from proprietary crash-tested barrier systems to metalwork guarding and compliance items, for new builds and refurbishments across Australia.

With over 60 years of combined engineering and construction experience, we developed Futureguard™, our architectural crash barrier system tested to AS/NZS 1170.1, and Futurefix, our cast-in fixing system that allows installation of barriers with no slab drilling.

We install with our own fully insured crews and provide installation sign-off on every project we complete.

We also supply whole-of-project barrier systems, for installation by approved metalwork contractors.

60+ years Combined engineering and construction experience	AS/NZS 1170.1 Full-scale crash-tested proprietary systems	Australia wide Supply and installation, all states
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Scope of Services

Service	What we deliver
Consulting	Project-specific reviews and advice for crash barrier requirements based on Australian Standards and industry best practice.
Design and Engineering	Barrier layouts and set-out drawings, fixing selection for PT and conventional slabs, custom engineering including curved rails and bespoke details to suit the project.
Manufacture	Proprietary systems manufactured to order and pre-finished for site requirements.
Supply and Installation	Installation by our own fully insured crews Australia-wide. Exclusive use of modular systems, prefinished materials and cast-in fixings to reduce time and risk on site.
Certification and Handover	Certification provided for all completed projects, supported by full-scale crash test documentation.
Refurbishment and Upgrades	Barrier upgrades in live car parks, including rapid-install systems for ramps, parapets and staged works.

PRODUCTS AND SYSTEMS

Complete and compliant range



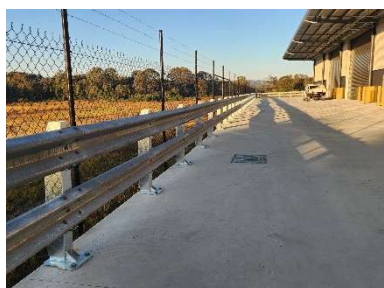
FutureGuard™: architectural crash barriers

Slimline twin-rail barriers crash tested to AS/NZS 1170.1 Type F (30kN). Four configurations available to address requirements for perimeters, ramps, split levels and end-of-space parking. 140mm system depth, anti-climb mesh and sighting rail options, facade panel integration.



Futurefix: cast-in barrier fixing

Fixing modules cast into each slab pour, for drill-free bolt-down installation. Setouts provided by CBS, installation by formwork crew or CBS team. No slab scanning, no drilling, no PT or reo clashes, no silica dust. 50% faster barrier installation and earlier permanent edge protection. Systems available for Futureguard barriers, and the CBS Armco range.



Armco crash barriers: Type F and Type G

Crash-tested conventional guardrail for industrial-style areas where space, program and finishes are less critical. Type F Single Armco (30kN) for light vehicle areas. Type F High Impact (240kN) for end-of-ramp applications. Type G Double Armco (40kN) for medium vehicle areas. CBS Meshguard options available for pedestrian balustrade compliance.



MeshGuard balustrade system

MeshGuard 358 anti-climb mesh panels provide pedestrian balustrade upgrades for Armco barrier locations. Proprietary bracket systems allow easy upgrade of both new and existing barriers, for 1.1m high mesh protection.



Metalwork guarding and Building protection

Bollards: supply only or supply and installation
Downpipe Guards: folded, or custom welded
Custom finishes available including galvanised, powder-coated, painted.

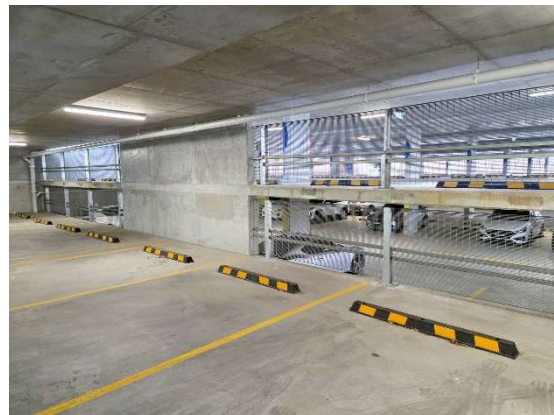
HOW WE DELIVER

Delivery built around your program



New Builds

- FutureFix modules set out and cast in with each slab pour, coordinated with formworker and PT contractor.
- Posts bolt down straight after curing: permanent edge protection goes in early and eliminates time, cost and clashes with temporary handrail systems.
- No drilling, no slab scanning, no clashes with PT ducts or steelwork.
- Modular materials pre-finished to reduce installation time on site.



Refurbishments and Upgrades

- Site measure and staged installation in live, trading car parks.
- Rapid-install barrier and mesh systems for ramps, parapets and upstands.
- Compliance upgrades of existing edges to AS/NZS 1170.1 barrier loadings.
- Removal and disposal of existing non-compliant systems
- Full upgrade scope available in one package: barriers, bollards, wheelstops, handrails.

Compliance and Project Management:

Engineering	Full-scale crash tested: - Futureguard - Type F Armco - Type G Armco Custom engineering detail: - Cast-in fixings - Cantilever edge brackets - Facade attachment systems - Custom height mesh screen barriers
Materials and finish	Fabricated Structural Steel Hot dip galvanised (AS/NZS 4680:2006, AS/NZS 4792:2006, AS/NZS 1214:2016) Custom powder coat available
Insurance	Public and Products Liability \$20,000,000 Professional Indemnity \$1,000,000 Workers Compensation (NSW)
Systems	Aconex Procore Procurepro 1Breadcrumb Payapps
Safety and quality	Project-specific SWMS, ITPs, and Installation Checklists for all CBS installations



TRACK RECORD

Delivered Australia-wide

Health

Liverpool Hospital · Concord Hospital · Logan Hospital Stage 1 · Ballarat Base Hospital · Hornsby Hospital
MSCP · Mount Barker Hospital · Logan Hospital Stage 2

Transport

Brisbane Airport P2X · Campbelltown Commuter Carpark

Industrial

Trumen Mortdale · Daikin Sydney Expansion · Wyong Industrial · COPE Sensitive Freight · Pittwater
Industrial · DB Schenker · Kirrawee Trade Centre · Woolworths Moorebank RDC

Retail and Commercial

DFO Homebush · Oran Park Town Centre · Lake Macquarie Square · Southpoint Brookvale · BP Browns
Plains · Multigate Medical · Frasers Property Industrial · Civitas Wagga Wagga Stage 2

Community

Northern Beaches Council · Parramatta Council · Liverpool Council · St Johns Park Bowls Club · Bob
Prenter Reserve

Clients

Richard Crookes Constructions · John Holland · ADCO · Mainbrace · Kane · Parkview · Hutchinson Builders
· Mirvac · Arenco · CIP Constructions · Orwell Constructions · Buildcorp · Victo Construction · BIM Remedial
· HPAC · Collaborative Constructions · SJ Higgins · APGC

We look forward to the opportunity to work with you. Don't hesitate to reach out to us for any project requirements.

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