

PRO3 Dropped Object Prevention System



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RetroGUARD™

RetroTREAD™

RetroSTEP™

Filling the gaps in safety

RetroGUARD™

RetroSTEP™

RetroTREAD™

when used together form a complete Dropped Object Prevention System which prevents dropped objects injuring workers below.

They are designed to be retro-fitted to new or existing handrails, platforms and stairs providing a cost effective, life saving solution to dropped object injuries and fall prevention.

The system is ideal for:

- Greenfield construction
- Existing plants
- Factories
- Warehouses
- Storage facilities
- Mining
- Coal, oil and gas processing plants
- Manufacturing plants
- Industrial design and engineering

RetroGUARD™

filling the gaps safely

RetroGUARD™ safety panelling is retro fitted to existing and leading industrial handrails, platforms, stairs and walkways including Webforge™, Weldlock™, Monowills™, Locker™ and other dimensionally compatible brands.

Installation is fast and safe with a unique patented bracket design which accommodates various panel styles and materials and allows installation from within the existing safety rails.

RetroGUARD™ provides full coverage along the total length of your handrail system including the internal and external corners.

Engineered for maximum safety, independently certified and adhering to Australian Standards, RetroGUARD™ :

- Prevents injury from dropped objects falling through hand railing
- Prevents personnel from leaning through, standing or stepping on to the mid rail of safety barriers and handrails
- Promotes the required 3 points of contact during access and egress of stairs
- Is installed entirely from inside existing safety barriers, platforms and stairs without requiring additional working at height PPE and fixtures
- Is installed without welding or hot works



RetroTREAD™

minimise the gaps in your safety platform

RetroTREAD™ is a unique clamping and flooring system designed to clip to your existing grid mesh floor.

It provides a flexible solution for fast and safe installation of safety flooring.

Barrier Mesh is quickly secured to the RetroTREAD™ clip thus barricading areas above and below each platform level, preventing risk of injury from falling objects.

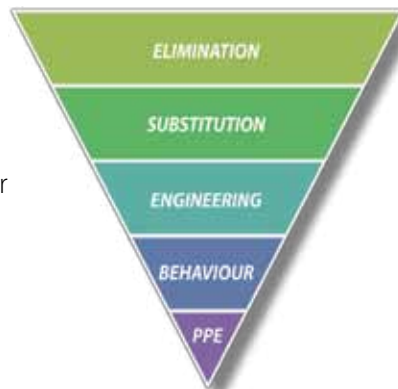
RetroTREAD™ is ideal for areas and work sites that experience:

- product spill
- product overflow
- regular maintenance work.

Different mesh barriers and sizes are available on request.

Hierarchy of Controls

RetroGUARD™, RetroSTEP™ and RetroTREAD™ are substitution safety solutions and therefore the highest order of control practicable for existing plant. By preventing objects being dropped from within the handrails and through flooring and stairs, there is less reliance on the lower order of controls.



The Pro3 Advantage

- Quick, simple and safe installation
- Cost effective and economical
- Cutting edge designs mean no drafting or fabrication is required for installations
- Flexible design gives complete coverage - even those often missed internal and external corners
- Simple clamp system and custom-profiled mesh panels designed to deliver additional strength and safety
- Flexible mesh panel design and colours
- Retro fits to existing stanchions
- No site surface preparation required
- No site welding or hotworks involved
- Easy to remove panels for vital access to areas during maintenance works



RetroSTEP™

an extra step towards a safer workplace

RetroSTEP™ is quickly installed to your existing stairways to barricade areas above and below each set of stairs. It is an economical and efficient solution to quickly improve plant safety without breaking the budget and is an ideal option for existing plants.

RetroSTEP™ plays an integral part, when combined with RetroGUARD™ and RetroTREAD™ in preventing dropped object risks through open stairs and walkways. The design of this safety riser ensures it fits firmly under the existing step.



SPECIFICATIONS - Material and Surface Treatments

PRODUCT	COMPONENT	MATERIAL GRADE	SURFACE TREATMENT	
			STANDARD	OPTIONAL***
RETROGuard™	Panelling	OneSteel HD Truform****	Hot dip galvanised*	Painted
	Panel Mounting Clips	Steel, AS1594, grade HA300	Hot dip galvanised**	Painted
	Panel Joining Clips	Steel, AS1594, grade HA250	Hot dip galvanised**	Painted
RetroTREAD™	Floor Sheeting	Steel, AS1594, grade HA250	Hot dip galvanised*	Painted
	Floor Clips	Steel, AS1594, grade HA250	Hot dip galvanised**	Painted
RetroSTEP™	Tread Infill Panels	OneSteel HD Truform****	Hot dip galvanised*	Painted
	Tread Mounting Clips	Steel, AS1594, grade HA250	Hot dip galvanised**	Painted

* Hot dip galvanising is to AS4680 Table 1

** Hot dip galvanising is to AS4680 Table 2

*** Optional paint finish is a high performance epoxy zinc phosphate primer with polysiloxane/high build re-coatable urethane top coat, to a total thickness of 225µ DFT. It is applied over an abrasive blasted surface to AS1627 Class SA2-1/2. The finished product is tolerant to industrial liquors containing dilute acids of up to 2% H₂SO₄, alkalis, salts and solvents. Other systems can be applied on request.

**** Produced to the maker's specification under ISO9001, hard drawn carbon steel wire, minimum tensile strength 550MPa

NOTE: The system can be provided in stainless steel as a special order. Please contact Ferno Australia for further information.

The manufacturers of PRO3 products reserve the right to vary product specifications at any time without notice.



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When it's critical