X-RAIL Horizontal Rigid Rail System

Concealed Fix (Steel Mounted)

SafetyLink® Innovative Fall Protection

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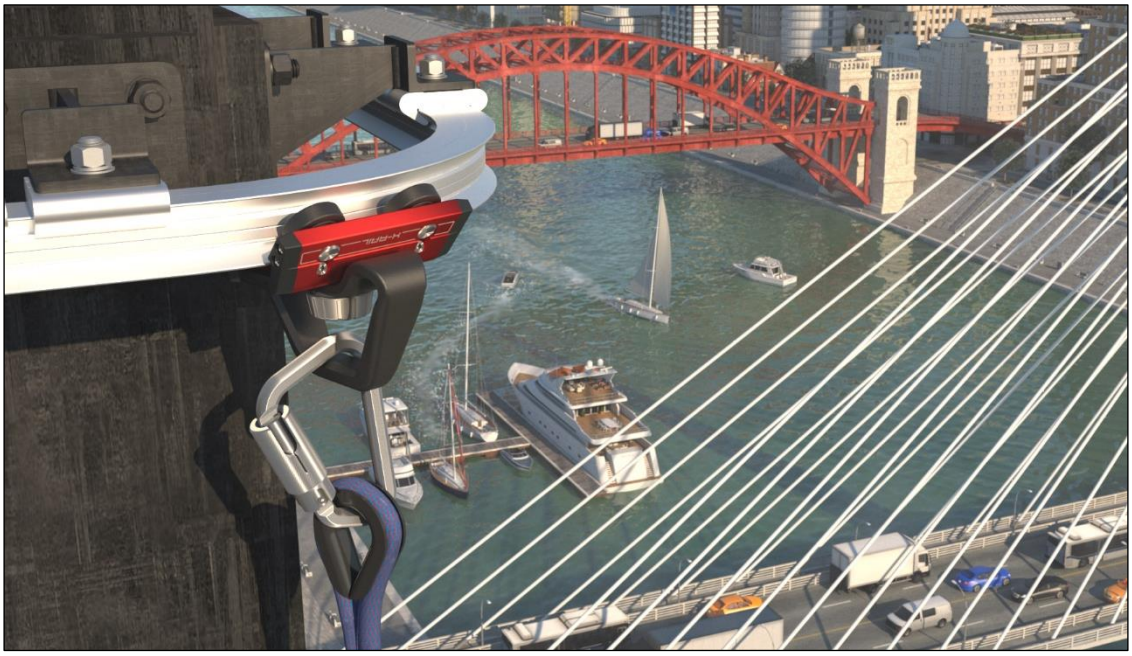
X-RAIL DATA SHEET



Innovation and attention to detail is always foremost in our minds when designing new products. The X-Rail Rail System demonstrates this with its uniquely designed rail. The rail is designed to achieve access to a wide range of scenarios, forming a complete system.

The SafetyLink X-Rail is an Australian Made Rail System suitable for use as part of a personal fall protection system. The X-Rail offers a Horizontal Rigid Rail System with one or multiple mobile anchor points for attaching to. The X-Rail can be installed in three orientations; **overhead, wall** and **floor**.

- Australian Made.
- Can be used for a live load (abseiling).
- For use on **steel.**
- X-Rail is suitable when limited fall clearance is available.
- Custom made rail sections and corners can also be supplied upon request to meet your personal requirements.
- Low profile rail and brackets, with hidden fasteners.
- Easily integrated into the structure of a building and allowing continuous movement with innovative shuttle.
- Uniquely designed shuttle is designed to traverse smoothly through system, eliminating realignment of shuttle.
- The Horixontal X-Rail Rigid Anchor Line System is compliant with AS/NZS 1891.2, EN795:2012 and PD CEN/TS 16415:2013.

bsi ISO 9001 Quality Management Systems CERTIFIED FS 707792

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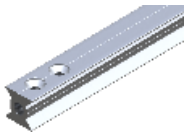
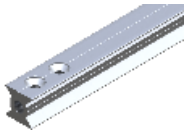
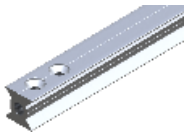
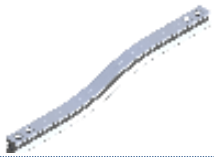
CONCEAL FIX X-RAIL - LENGTHS

Product Code	Description	Material	
XRAIL-TR-101-6M	**Standard Rail:** 6 metres	Aluminium	
XRAIL-TR-101-5M	**Standard Rail:** 5 metres	Aluminium	
XRAIL-TR-101-3M	**Standard Rail:** 3 metres	Aluminium	
XRAIL-TR-104	**Standard Rail Corner:** Bend 90 degrees (Floor Mounted)	Aluminium	
XRAIL-TR-105	**Standard Rail Corner:** Bend 90 degrees (External Wall Mounted)	Aluminium	
XRAIL-TR-106	**Standard Rail Corner:** Bend 90 degrees (Internal Wall Mounted)	Aluminium	
XRAIL-TR-107	**Standard Rail Corner:** Bend 45 degrees (Floor Mounted)	Aluminium	
XRAIL-TR-108	**Standard Rail Corner:** Bend 45 degrees (External Wall Mounted)	Aluminium	
XRAIL-TR-109	**Standard Rail Corner:** Bend 45 degrees (Internal Wall Mounted)	Aluminium	
XRAIL-TR-110	**Standard Rail Corner:** Bend JOG	Aluminium	
XRAIL-TR-111	**Special Rail Corner:** Custom Rail Corner	Aluminium	

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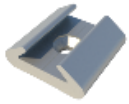
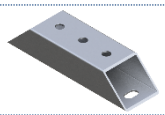
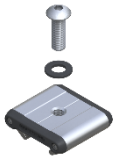
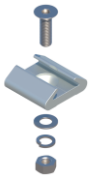
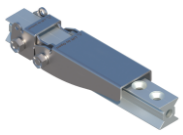
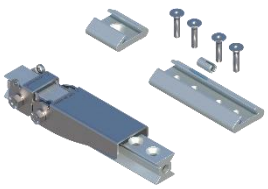
CONCEAL FIX X-RAIL – COMPONENTS & KITS

Product Code	Description	Material	
XRAIL-TR-201	**End & Intermediate Anchor**: Concealed Fix	Aluminium	
XRAIL-TR-212	**Rail Join Dowel:** holds two rail sections together.	316SS	
XRAIL-TR-213	**Rail End Cap:** Caps off end of rail line.	Plastic	
XRAIL-TR-235	**Jog Offset Bracket:** used for wall mounted corners (Available in kit TR-020, TR-021).	Aluminium	
XRAIL-TR-002	**Rail Join Kit:** joins straight rail lengths. 1 x XRAIL-TR-206: Rail Join 4 x XRAIL-TR-907(OTS): M10 x 40 Countersunk Cap Screw 1 x XRAIL-TR-212: Rail Dowel	Aluminium & 316SS	
XRAIL-TR-005	**Rail Join Kit (Low Profile):** joins straight rail lengths while remaining hidden. 1 x XRAIL-TR-211: Rail Connector 4 x XRAIL-TR-907(OTS): M10 x 40 Countersunk Cap Screw 1 x XRAIL-TR-212: Rail Dowel	316SS	
XRAIL-TR-006	**Shuttle Stop**: stops the shuttle from being removed. 1 x XRAIL-TR-006: Shuttle Stop 1 x SCREW CAP M10X30 1 x WASHER M10_316	Aluminium & 316SS	
XRAIL-TR-008	**System Termination Kit:** Installed at end of rail system to stop the rail sliding out. 1 x XRAIL-TR-209: System Termination 2 x XRAIL-TR-907(OTS): M10 x 40 Countersunk Cap Screw	Aluminium & 316SS	
XRAIL-TR-019	**Concealed Fix Assembly**: for Steel Mounting 1 x XRAIL-TR-201: End & Intermediate (Concealed Fix) 1 x WASHER M12_316 1 x WASHER M12_Spring_316 1 x NUT M12_316 1 x SCREW SKT-M12x40 316	Aluminium & 316SS	
XRAIL-TR-GATE	**X-Rail Gate**: for Shuttle Entry-Exit on rail.	Aluminium & 316SS	
XRAIL-TR-GATE.KITCF	**Shuttle Entry/Exit Gate Kit (Concealed Fix):** 1 x XRAIL-TR-GATE: X-Rail Gate 1 x XRAIL-TR-002: Rail Join Kit 1 x XRAIL-TR-201: End & Intermediate Anchor		

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CONCEAL FIX X-RAIL – KITS

Product Code	Description	
XRAIL-TR-023	**90 Degree Side Mounted External Corner Kit:** 8 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-005: Rail Join Kit (Low Profile) 1 x XRAIL-TR-105: Standard Rail Corner, Bend 90 degrees (External Wall Mounted) 2 x XRAIL-TR-110: Standard Rail Corner, Bend Jog 4 x XRAIL-TR-235: Jog Offset Bracket 2 x XRAIL-TR-002: Rail Join Kit 4 x Bolt-M12x35mm-SS 4 x M12 Washer/Spring Washer/Nut	
XRAIL-TR-024	**45 Degree Side Mounted External Corner Kit:** 8 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-005: Rail Join Kit (Low Profile) 1 x XRAIL-TR-108: Standard Rail Corner, Bend 45 degrees (External Wall Mounted) 2 x XRAIL-TR-110: Standard Rail Corner, Bend Jog 4 x XRAIL-TR-235: Jog Offset Bracket 2 x XRAIL-TR-002: Rail Join Kit 4 x Bolt-M12x35mm-SS 4 x M12 Washer/Spring Washer/Nut	
XRAIL-TR-035	**90 Degree Internal Wall Mounted Corner Kit:** 1 x XRAIL-TR-106: Standard Rail Corner, Bend 90 degrees (Internal Wall Mounted) 4 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-002: Rail Join Kit	
XRAIL-TR-036	**45 Degree Internal Wall Mounted Corner Kit:** 1 x XRAIL-TR-109: Standard Rail Corner, Bend 45 degrees (Internal Wall Mounted) 4 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-002: Rail Join Kit	
XRAIL-TR-038	**90 Degree Floor Mounted Corner Kit:** 1 x XRAIL-TR-104: Standard Rail Corner, Bend 90 degrees (Floor Mounted) 4 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-002: Rail Join Kit	
XRAIL-TR-039	**45 Degree Floor Mounted Corner Kit:** 1 x XRAIL-TR-107: Standard Rail Corner, Bend 45 degrees (Floor Mounted) 4 x XRAIL-TR-201: End & Intermediate Anchor 2 x XRAIL-TR-002: Rail Join Kit	
XRAIL-TR-025	**Joint Kit with Side Anchors:** 1 x XRAIL-TR-002: Rail Join Kit 2 x XRAIL-TR-201: End & Intermediate Anchor	
XRAIL-TR-041	**End Kit:** 1 x XRAIL-TR-201: End & Intermediate Anchor 1 x XRAIL-TR-006: Shuttle Stop 1 x XRAIL-TR-008: System Termination Kit 1 x XRAIL-TR-213: Rail End Cap	

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CONCEAL FIX X-RAIL – FIXINGS

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XRAIL-TR-043	**Steel Fixing Kit**: For use in steel 1 x SCREW SKT-M12x40mm 1 x M12 Washer 1 x M12 Washer Spring 1 x M12 Nut	316SS	
XRAIL-TR-907(OTS)	**Rail Screw:** M10 x 40 Countersunk Cap Screw	316SS	
STEELLINK-M12.HEX.75.15	**SteelLink Blind Bolt:** (For use in Steel) 1 x Bolt M12 x 70mm Sock Head Countersunk 1 x SteelLink End Cap M12x1.75 1 x SteelLink Base Cap M12	316SS	

CONCEAL FIX X-RAIL – SHUTTLES

Product Code	Description	Material	
XRAIL-TR-014	**X-Rail Shuttle**	Aluminium	
XRAIL-TR-018	**X-Rail Shuttle – Abseiling** Note: must use two shuttles when abseiling.	Aluminium	

CONCEALED FIX X-RAIL – TOOLS

XRAIL-TR-401	**X-Rail Drill Bit** to suit TR-101, TR102	Steel	
XRAIL-TR-402	**X-Rail Onsite Drill Fixture**	Aluminium & Steel	
XRAIL-WARN	**X-Rail Warning Sign**	Stainless Steel	

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