PBI HEIGHT SAFETY

# PRODUCT SPECIFICATION

## INNOTECH

**TAURUS**
**Structurally Mounted**
**Universal Rail System**


**Flexible fall arrest and abseil rail system designed for all substructures. Provides continuous connection in vertical and horizontal situations. Can be bent around corners and over ladders.**


Compatible with most ladder types and substructures, the rail system can be attached along and down various levels on a structure allowing the user to constantly remain connected.

Manoeuvrable rail connections and end seals can be very simply installed, and easily curve and bend elements adapt themselves perfectly to the actual constructional conditions.


## HOW IT IS USED

The Taurus rail system provides fall protection on both horizontal and vertical planes. Perfect for ladder access. It also provides abseil capabilities.

## HOW IT WORKS

The Taurus rail is fixed to a ladder or structure for continuous hands free operation. For vertical systems on ladders, a specific shuttle is used to lock off in the event of a fall.

## PERFORMANCE

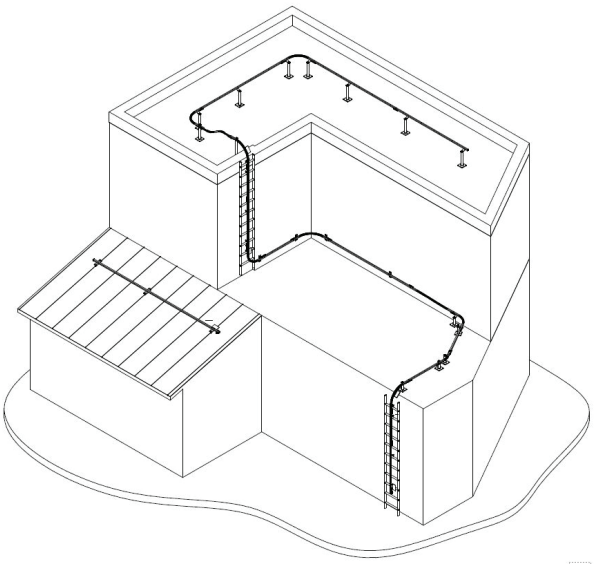
Conforms to AS/NZS 1891.2:2001 - Industrial fall-arrest systems and devices - Horizontal lifeline and rail systems, AS/NZS 1891.4:2009 - industrial fall-arrest systems and devices - selection, use and maintenance, AS/NZS 4488.2:1997 Industrial Rope Access Systems - selection use and maintenence.

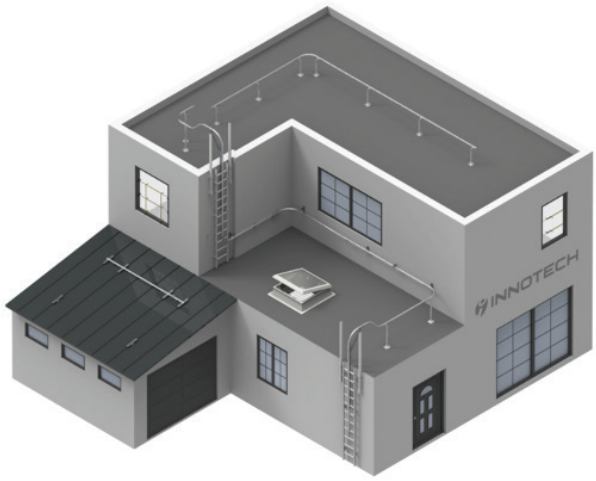
## INSTALLATION

Installation must be carried out by an Accreditied Innotech trained Technician, and in accordance with the manufacturer's installation instructions. The rail can be mounted above, on the wall or below the users. It can also be mounted on raised posts (maximum of 3m apart) or directly into steel structures concrete or onto ladders.

## MAINTENANCE

As per AS/NZS 1891.4 innotech Taurus rail must be certified every 12 months by a qualified height safety equipment inspector. All of the exposed materials in the system have specified as naturally corrosion resistant, or have been coated with sacrificial coatings to prevent oxidisation of the base material. It is important to consider that in some environments the system may need to be cleaned to gain the best possible life expectancy from the materials.






## WARRANTY

Under normal use conditions there is a two year warranty on all components against manufacturing defects. However, if the restraint system is used in particularly corrosive atmospheres, this period may be shortened. If there is strain (a fall, weight of snow, etc.) the warranty claim is void for those components that have been designed to absorb energy, or that may possibly be deformed and therefore must be replaced. Attention: for system installation and components planned and installed under the responsibility of specialised installation companies, INNOTECH assumes neither responsibility nor warranty in the case of improper installation.

## ENVIRONMENTAL

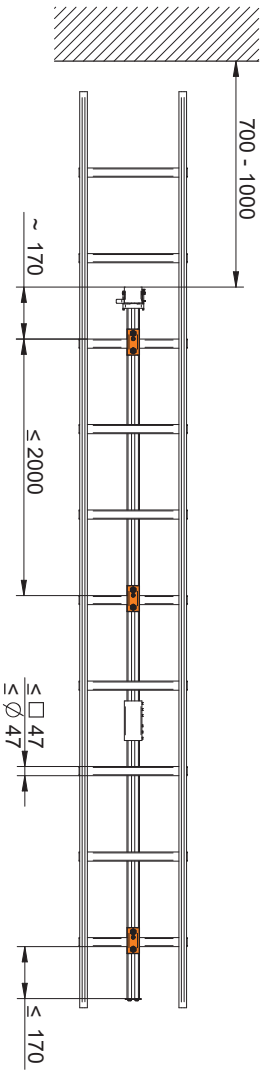
PBI Height Safety is committed to reducing its impact on the environment.

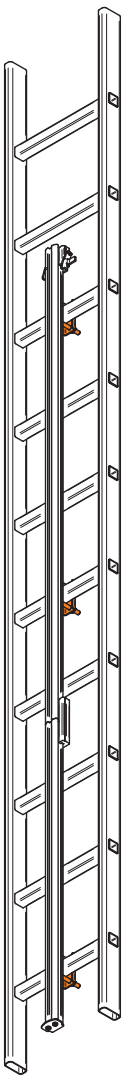
We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our customers, our staff, and the community in which we operate. We are committed to supplying products with primary components made of recyclable material and supplied with minimum packaging to retain structure and integrity during transit.

We will continually measure our environmental impacts and aim to reduce these impacts.

## **TECHNICAL DRAWING** – Taurus Universal Rail System





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| | Taurus Rail | | |

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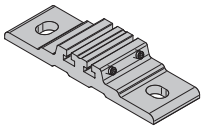
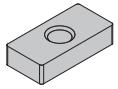
**TECHNICAL DRAWING** – Taurus Universal Rail Fastenings

## RAIL FASTENINGS

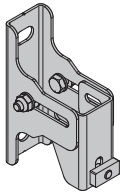
**TAURUS BEF-10:** (Aluminium)
For concrete and steel constructions



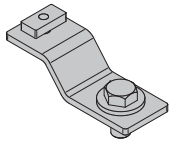
**TAURUS BEF-12:** (Stainless steel A2)
For steel constructions



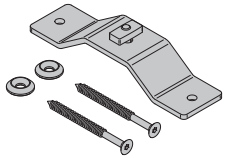
**TAURUS BEF-20:** (Stainless steel A2)
For facades



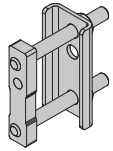
**TAURUS BEF-30:** (Stainless steel A2)
For fastening on INNOTECH anchorage points



**TAURUS BEF-41:** (Aluminium)
For wood
Comply with installation clearances



**TAURUS BEF-90:** (Stainless steel A2)
For fastening on ladder rungs





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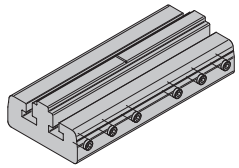
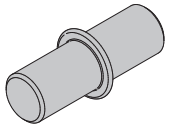
**TECHNICAL DRAWING** – Taurus Universal Rail Connectors

## RAIL CONNECTORS

**TAURUS VB-10:** (Aluminium)
Connecting element of two “TAURUS RAIL-...” rail elements



**TAURUS VB-12:** (Steel)
Attention: may only be used in combination with “TAURUS BEF-12”!
For alignment of two “TAURUS RAIL-...” rail elements



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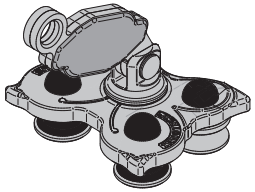
**TAURUS GLEIT-A-30:**
suitable for horizontal and vertical use!



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**TAURUS GLEIT-S-40:**
suitable for horizontal and vertical use (0 - 70º)



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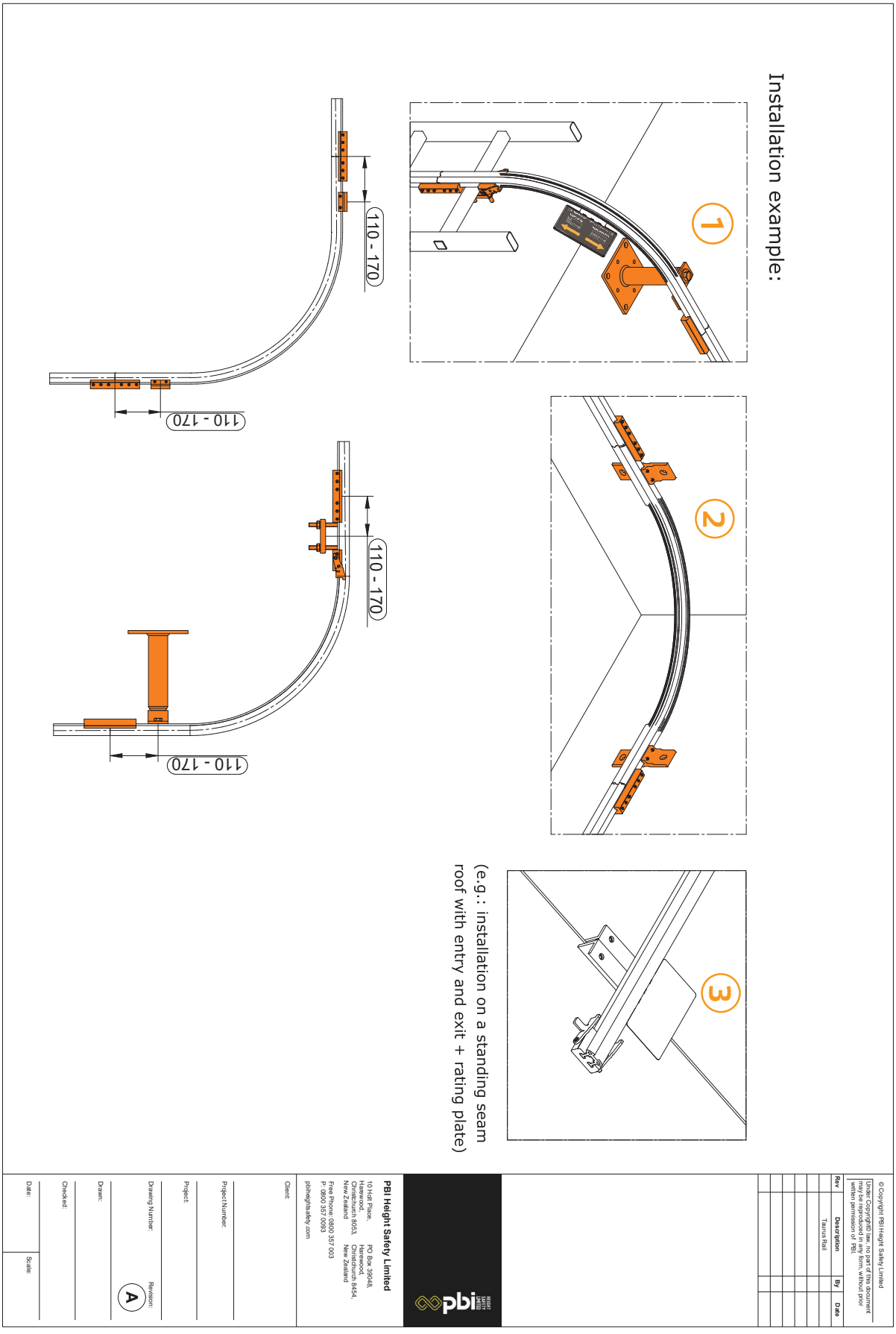
## **TECHNICAL DRAWING** – Taurus Universal Rail System



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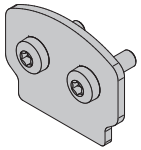
**TECHNICAL DRAWING** – Taurus Universal Rail Terminals & Rail

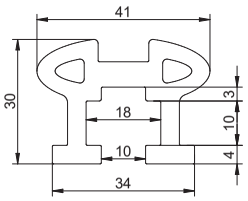
## RAIL TERMINALS

**TAURUS EA-10:** (Stainless steel A2)
No entry possible (terminal for a rail section)

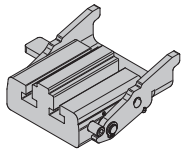


## RAIL

**TAURUS RAIL-10:** (Aluminium)
L = 3,000 mm, 6,000 mm
for additional models, see section [16]




**TAURUS EA-11:** (Aluminium, stainless steel A2)
Entry and exit for shuttles





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# NEW ZEALAND OFFICES


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## TECHNICAL DRAWINGS KEY

Rate to 15kN

Person Capacity

Abseil

Fall Arrest

Restraint Technique