



FIREBREAK SA

SAFETY APPLIANCES PTY LTD

'SINCE 1996'

Firebreak SA, a BBBEE Company was founded in 1996 to provide quality products and great service which exceed the customers expectations. Our expert sales staff have a combined 100 years of experience within the Fire and Safety Industry. Firebreak is in business to provide a total package of Safety and Fire solutions.

WHAT WE OFFER



Chemical Suits



Specialist Gloves



Alcohol Breathalysers



Gas Detection



Fall Protection



Respiratory Protection



Fire Extinguishers, Maintenance and Servicing



First Aid



Fireman's Gear and Firefighting Equipment

SALES SUPPORT AND SERVICES

AFTER SALES SUPPORT

- Sales support
- Product training
- Service and repair

TECHNICAL TRAINING

- Product usage, maintenance and care
- User competency and compliance

SITE VISITS AND ASSESMENTS

- Evacuation and rescue
- Fire risk evaluation
- PPE assessments and specification

OUR CONTACT DETAILS

FIREBREAK SA

14 COMBRINCK STREET, ALRODE, ALBERTON 1451

TEL NO: +27 11 908 6960 | E MAIL: ENQUIRIES@FIREBREAKSA.CO.ZA

WEBSITE : WWW.FIREBREAKSA.CO.ZA



Taking on the toughest jobs requires an even tougher person, some jobs are reserved for the brave, the fearless, and the heroic. And to those dedicated to pushing the limits, DuPont™ is dedicated to keeping you protected - every step of the way.

THE PROTECTION EVERY HERO DESERVES



DuPont™ Tyvek® 500 Xpert

Setting a new standard of protection in the Type 5 and 6 category through greater protection and comfort. Protects against high liquid and particulates. Application include those found in pharmaceutical handling, chemical processing, the oil and gas industry, mining, general maintenance and operation, automatic spray painting and many other.

Category III, Type 5-B & 6B) EN 1073-2 certified



DuPont™ Tychem® 2000 C

Comfortable, lightweight protection against bio-hazards and numerous inorganic chemicals. Used for splash or pressurised splash protection in variety of industrial environments, including pulp and paper manufacturing, food processing, chemical processing and pharmaceutical manufacturing.

Category III, Type 3-B, 4-B, 5-B and 6-B
EN 14126, EN 1073-2.

Antistatic treatment (EN 1149-5) - on inside



DuPont™ Tychem® 4000 S

A new comfortable alternative against a broad range of inorganic and organic chemicals. Ideal for chemical handling, environmental clean-up operations and emergency response. Used in oil and gas, chemical engineering and hazardous material response teams and other emergency services.

Category III, Type 3-B, 4-B, 5-B and 6-B
EN 14126, EN 1073-2.

Antistatic treatment (EN 1149-5) - on inside



DuPont™ Tychem® 6000 F Grey

Trusted protection against a broad range of chemical and biohazards. Protection against numerous toxic industrial organic chemicals, highly concentrated inorganic chemicals and biohazards, used for a broad range of applications from chemical spill clean-up, emergency response and petrochemical applications.

Category III, Type 3-B, 4-B, 5-B and 6-B
EN 14126, EN 1073-2.

Antistatic treatment (EN 1149-5) - on inside



DuPont™ Tychem® 6000 F Plus

Tychem 6000 F Plus barrier in a new innovative smart design with a hood which fits perfectly full face masks, double cuffs, zippers and flaps. Used for a broad range of applications, from chemical spill clean-up, emergency response to petrochemical applications.

Category III, Type 3-B, 4-B, 5-B and 6-B
EN 14126, EN 1073-2 Antistatic treatment (EN 1149-5) - on inside



DuPont™ Tychem® 6000 FR

Offers a single layer that provides triple hazard protection from liquid-chemical splash, flash fire and electric arc. Designed to help provide industrial workers and Hazmat responders with permeation protection against a broad range of toxic industrial chemicals and chemical warfare agents Certified to NFPA 1992, NFPA 2112 (2018). The arc rating of Tychem® 6000 FR fabric is 15 cal/cm² Ebt.



DuPont™ Tychem® 10000 Encapsulated Level A Suit.

Expanded Back, Rear Entry, Extra-Wide Visor, 3 Layers: 40 mil PVC / Teflon® 5 mil / 20 mil PVC. Attached Dual Layer Gloves Internal: Multi-layer laminate / External: Butyl. Attached Socks with Outer Boot Flaps. Double Storm Flap with Hook & Loop Closure. Two Exhaust Valves. Double Taped Seams.

Tychem® 10000 exhibits excellent chemical barrier properties and offers an extremely durable fabric that is puncture- and tear-resistant. Tychem® 10000 fabric shows at least 30 minutes of barrier protection to 322 challenge chemicals with no observed breakthrough. Tychem® 10000 is specifically developed for protection against toxic, corrosive gases, liquids and solid chemicals. This high-performance chemical barrier fabric is suited for industrial, HazMat, and domestic preparedness applications.



Other accessories available
DuPont™ Tychem® 2000 Tape
DuPont™ Tyvek® 500 Boot cover
DuPont™ Tyvek® 500 Labcoat
DuPont™ Tyvek® 500 Hood

CATEGORY PICTOGRAMS



TYPE 1
TYPE 1 - ET



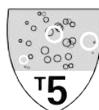
TYPE 2



TYPE 3



TYPE 4



TYPE 5



TYPE 6



EN 1449-5:2008



EN ISO
14116:2008



EN 1073-2:2002

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FALLBREAK OFFERING



FBH02

FB Basic 2 point harness with back D-ring and front webbing Loops



FBH1L2

FB Basic 1 point harness with double scaffold hooks shock absorbing lanyard



FBHT

FB Technical harness. Dorsal attachment point (for fall arrest). Frontal attachment point. Frontal waist attachment point.



FBHR

FB Professional Harness Primary webbing 45mm. Dorsal attachment point (for fall arrest). Frontal attachment point (for partial fall arrest)



FBLS02

FB Double leg lanyard with energy absorber, 2 scaffold hooks and 1 carabiner



FBRO

FB Universal Rescue Kit, 4:1 Ratio, Rescue Pole, Jumar, sling and Bag



THLL

FB Temporary Horizontal lifeline kit - 20m reach



FBGR

FB Rope Grab Lifeline Kit with Bag and Anchor Sling
10m - 20m - 30m



FBRP

FB Rope Protector
FBH02
FB Harness Step



RBRB

FB Rope Bag
FBGB
FB Gear Bag



FBTL01

FB Tool Lanyard
FBWL01
FB Wrist Lanyard



FBAS

FB Webbing Anchor Sling



FBCE01

FB Cap Lamp Belt- Padded



FBCH

Rock Combi Helmet
EN12492

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WHAT WE OFFER



"DCP" Dry Powder Extinguishers are most commonly used on fires of flammable liquids, electrical fires, or burning materials like wood or paper



"CO2" Extinguishers are used most commonly on fires involving sensitive electrical equipment & liquid fires, including petrol fires.



Steel and fibreglass cabinets and key-boxes are available for Extinguishers, Hose Reels & Hydrants



These hoses are attached to a Hydrant to supply a high pressure of water to extinguish a fire.



Hydrant Valves are available in Brass and Cast-Iron, the lay-flat hose connects directly into the Hydrant Valve.



Hose Reels provide water to combat Class A fire risk, with a standard fully extended hose length of 30 metres.



These nozzles connect to the lay-flat hose, to aim, control and regulate the flow of water on a fire.



The heavy duty vehicle bracket is weather proof, available in various sizes and can be easily mounted on vehicles.



With our range of spares we are able to repair most Hose Reel and Hydrant leaks, speedily.

SERVICE OFFERED

MAINTENANCE

- Service of Hose Reels
- Service of Hydrant Valves
- Service of all Fire Extinguishers

EXPERIENCED SERVICE

- Installation of Fire Extinguishers
- Installation of Emergency Signage
- Installation of Hose Reels & Hydrant Valve
- Testing of hydrant flow and pressure

TECHNICAL

- Evacuation Plans for business
- Fire Risk Evaluation

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SAFETY APPLIANCES PTY LTD

'SINCE 1996'

FIRE FIGHTING AND GEAR

FIREMANS HELMET
Bullard LTX



WILDFIRE HELMET
Bullard FHLR



ECO: BUSH FIRE HELEMT
c/w Neck Protection &
Visor



PILOT FIREFIGHTER
GOOGLE



BALACLAVA
NFPA 1971-2018
Nomex



FIRE GLOVES
HY SAFETY - NFPA



FIRE GLOVES
WILDFIRE



BUNKER SUITS



HARVIC VIKING
BOOTS



FIREMANS KIT BAG



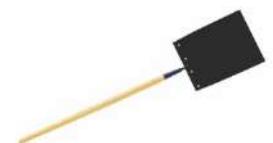
PROTEC 366+BI
Pistol Grip Nozzle



FLASHLIGHT
Intrinsically Safe



FIRE BEATER



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'SINCE 1996'

FIREMANS TOOLS

HOOLIGAN TOOL



Size 36" / 91cm
Heat treated
Lifetime warranty Superior grip
& control Designed to
puncture/pry/twist & cut

PRY AXE c/w STD CLAW



Size 46cm closed & 64cm open
Multi-purpose tool
A slam-ram tool designed to
pry/twist/chop/cut metal/twist-
off locks or latches, etc.
Heat-treated with rubber grip

CEILING HOOK / PIKE POLE



Size 6ft / 2M
Lightweight - fiberglass handle -
heavy duty malleable iron pike
Designed to open ceilings/walls/
floors, etc.

PICK POINT AXE



Size 36" / 91cm
Pick pint crucible
Steel axe - long handled
fiberglass handles - stronger
than steel - lighter than
aluminium
Cushion grip

HAND HELD FIRE AXE



Size 39cm
Pick point head
Hickory wooden handle - good
insulation
Epoxy bonded head to handle

CRASH AXE



Size 39cm
Emergency chopping tool & sharp
blade
Often used in aircraft crash landing
incidents
Used for cutting through metal &
prying gaps open

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THE SMALLEST 4 AND 5 GAS DETECTORS IN THE MARKET - NOW AVAILABLE FROM FIREBREAK SA



Meet the GX-3R

World's Smallest and Lightest 4 Gas Monitor.
Simple 2-button operation with 25 hours of operation.
Detection of LEL, O2, H2S & CO -
H2 compensated CO sensor available.



GX-3R Pro with Bluetooth and Man Down

Worlds smallest and lightest 5 Gas monitor.
Simple 2-button operation with 25 hours of operation.
Detection of LEL, O2, H2S & CO & other optional sensors
H2 compensated CO sensor available.



RP-3R Clip-on Sampling Draw Pump

The RP-3R are compact, battery operated, motorized sample drawing pumps which attach to the GX-3R or the GX-3R Pro to change them from diffusion operation to sample drawing operation.

The model RP-3R pumps and the GX-3R or GX-3R Pro gas monitor make a complete solution for confined space entry.



Models GX-3R and GX-3R Pro with RP-3R clip-on sampling pump

ABOUT RKI INSTRUMENTS



RKI Instruments, Inc. is an innovative gas detection company located in Union City, California. RKI began in 1994 with the belief that distributors and customers deserve a permanent reliable source for advanced gas detection instruments and sensors. RKI is also known for unique product development. Through ingenuity and years of industry experience, we have developed our own line of gas detection instruments and accessories to complement the Riken product line. All of RKI developed products designed around Riken's long lasting field proven sensors.

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**Exceeding Quality
Standards Globally**

With more than 20 Years of knowledge and expertise in the world of Industrial Safety, and a portfolio of more than 2500 offerings, Karam is one of the leading manufacturers of Personal Protective Equipment. We focus on Customer satisfaction and continuous product innovation and proudly serve customers in more than 100 Countries, truly making us a Global brand to reckon with.

HARNESSES



PN 10(S)

Full body harness + double lanyard (1.7m) + scaffold hooks



PN 21

Full body harness with dorsal attachment D Ring



PN 41

Full body harness with dtorsal attachment D Ring



PN 42

Full body harness with shoulder and leg pad



PN 56

Full body harness with shoulder and leg pad + dorsal and sternal D ring



PN 61

Full Body Rescue Harness+Sternal+Ventral D-Rings+Padded WB+Chest Strap Karabiner Att + Alu. Fittings



MAGNA-2

Magna harness-dorsal/sternal att point + lateral D rings. Fully adjustable shoulder chest/thigh strap and WB



MAGNA-3

Magna Harness AP-Dorsal/Sternal/Ventral point + lat D rings. Fully adjustable shoulder, chest, thigh strap and WB

CONFINED SPACE ENTRY AND RETRIEVAL



PN 800 (DP) 7 FT

Tripod double pulley with wheel



PN 801 (DP) (25M)

Winch - 25m



PCGS20R

Karam retrievable retractable blocks 20m Lanyard + PN 162 attachment at end



PN 900 (06)

Mounting brackets - 30m



PN 900 (07)

Mounting brackets - 20m



PN 900

K-Pod cantilever arm



PN 900 (01)

Floor mounting bracket



PN 900 (02)

Wall mounting bracket

RESCUE AND EVACUATION



PN 408N

Evac - R



PN 660 5:1 - 20M

Rescue roll system - 20m with 5:1 hauling



PN 403

Repac recovery stretcher

RETRACTABLE FALL ARRESTER BLOCKS



MIC 02 (112_13N)

Micron block with PN 112 at anchor & PN 131 at attachment - 2m



TPGS07

Retractable fall arrester (7m) with swivel hook PN 162 at attachment



TPGS07 (SE)

Sharp edge retractable fall arrester (7m) for horizontal use with swivel hook PN162 at attachment

CONNECTORS



PN361(30)(S)N

Forked Lanyard with energy absorber with PN 112 at one end and two PN131N at other end



PN112 (Y)

Steel screw locking karabiner



PN195BE

50kn karabiner material - alloy steel



PN174

Twin SRL Connector

ACCESSORIES AND GEAR



AP012 (SS)

Stainless steel single pulley
single side attachment



AP 013 (SS)

Stainless steel double pulley
double side attachment



PN 405

Ventral rope clamp



PN431

Figure of 8



IMP 003

Webbing spreader bar



IMP 005

Pilot chair



PN402 (R)

Ascender Handle (right)



PN2006

Guided type fall arrester with
carabiner PN112 and RG07



TL01 (N)

Tools lanyard with karabiner



STS01 (N)

Suspension intolerance
strap

ANCHORAGE



SA 08

Beam Anchor



SA 10 A

Steel point anchor



SA11

Parapet anchor



SA 12

Stainless steel chemical point anchor



SA 13

Grinder steel anchor



PN 802

Aluminium door anchor (with bag)



PN 807 (1.5M)

Cross arm strap



PN 804 (1.5M)

Cross arm strap (D Ring on both ends)



PN 3000 (BC)

Horizontal anchorage lifeline 20m (HLL) 2 users with
arm straps (1m)



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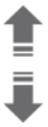
KARAM[®]

knowing your needs better



**FIXED LINE
SYSTEMS**

EDITION 2021



Scan here for a virtual tour of the product

Ref: VERTEX PN 7000 System Specifications

Certifying to the Norm EN 353-1:2014+A1:2017 this vertical Fall Arrest system is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder.

The unique feature of this system is a permanently installed Stainless Steel Shock Absorber at the top of the line which offers distinct advantage over the textile absorber used in other lines in term of UV degradation and resistance to harsh climate conditions. Also, the Shock Absorber is constructed of unique design that helps in easy installation of the system.

The Vertical Anchorage Line is made of Stainless Steel wire rope and is maintained in the rigid position by the use of 2 mounting brackets - one at the top and other at the bottom.

The Stainless Steel Rope Grab is directly connected to the Harness of the user without any additional lanyard.

To maintain the rigidity and high tension in the Anchorage Line, a screw type mechanical tensioner is provided at the end of the Anchorage Line at the bottom, connecting it to the lower mounting bracket. The Tensioner is provided with a unique tension indicator which helps ensure appropriate tension is attained, and maintained in the line.

The system also has an Inspection Name Plate which is installed on the first rung of the ladder for identification, traceability and maintenance of inspection records.

Mounting Bracket Using Two Ladder Rungs

Mounting brackets using two ladder rungs for installing Vertical Lifeline Systems available in Stainless Steel and ED Coated Alloy Steel.

| Ref. No. | Material | Finish | Minimum Breaking Strength | Net Weight | Conforms to |
|-----------------|---------------------------|-------------------|---------------------------|--------------------|--------------------|
| PN 7000(13) | Stainless Steel Grade 316 | Electro Polished | 23kN | 1.11Kgs ± 0.005Kgs | EN 795:2012 Type A |
| PN 7000(13)(EC) | Alloy Steel | ED Coated (Black) | 23kN | 1.10Kgs ± 0.005Kgs | |

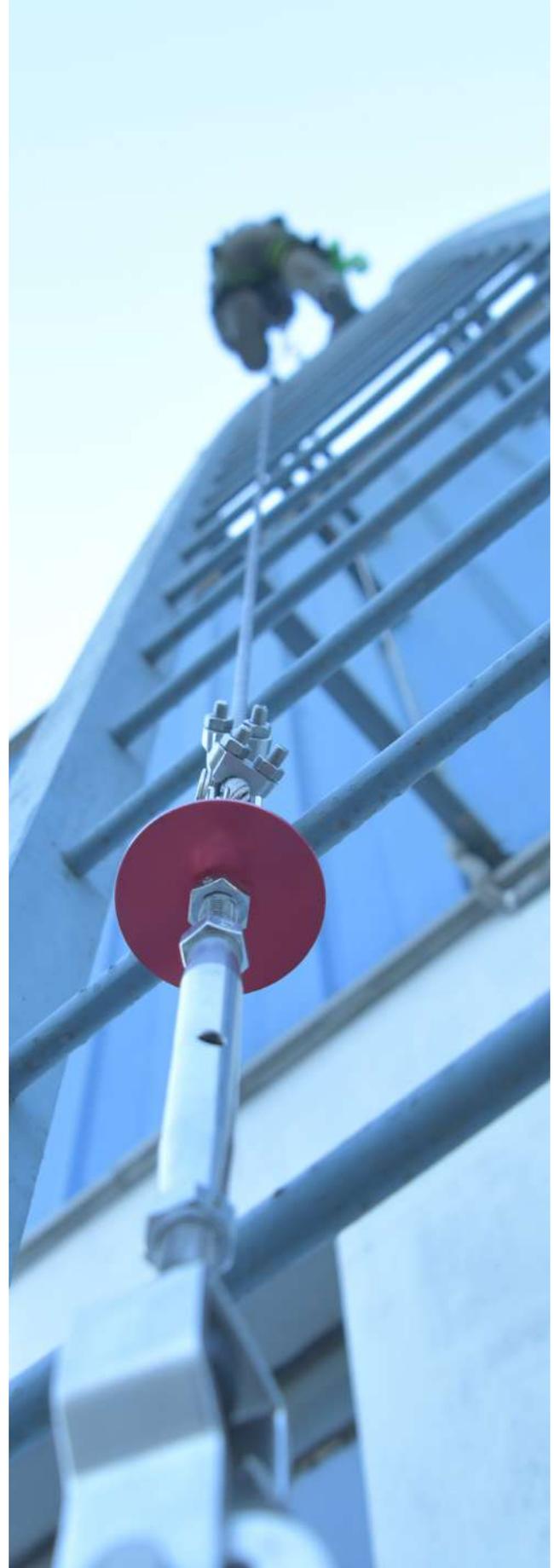


PN 7000(13)



PN 7000(13)(EC)

Compatible with rung diameter: Ø18.0mm - Ø36.0mm





Vertical Anchorage Line System on Rigid Cable Line



Ref: VERTEX PN 7000



EN 353-1:2014+A1:2017

Shock Absorber PN 7000 (02)

- Material: Stainless Steel 316
- Limits the impact of force in the event of fall to less than 6 kN



- ### Wire Rope (Cable Wire) Ref. PN 9XXXSL (where XXX is the length of the wire rope in meters)
- Material: Stainless Steel 316
 - Diameter: 8mm
 - Construction: 7x19



Intermediate Ref. PN 2001 (04)

- Material: Stainless Steel 316
- Recommended Installation- Every 10 m



Wire Rope Cap Ref. PN 7000 (12)

- Material : Aluminium Alloy

Inspection Plate Ref. PN 7000(16)



Optional

Extension Arm (Finish-ED Coating Black) - Ref.: PN 7000(06)
Length : 2108.0 mm and Weight: 7.670 kgs



Mounting Bracket Ref. PN 7000 (01)

- Material: Stainless Steel 316
- Breaking Strength > 23 kN
- Compatible with rung diameter: Ø25.0mm -Ø96.0mm
- Complies with EN 795 Type A

Optional Mounting Bracket Ref. PN 7000(21)

- Material: Stainless Steel.
- Minimum Breaking Strength:23 kN
- Compatible with rung diameter- Ø22.0mm-Ø114.0mm



Rope Grab Ref. RG 02 (112)

- Material of Rope Grab: Stainless Steel 316
- Finish: Shot blasted and Electro polished
- Anti inversion mechanism
- Material of Karabiner: Alloy Steel

Set of 2 U-Bolts and 1 Thimble Ref. PN 6000 (01)

- U - Bolts : Qty - 2 nos.
Material : Stainless Steel 316
- Thimble : Qty - 1 no.
Material : Stainless Steel 316



Tensioner Ref. PN 7000 (05)

- Regulates tensioning of the cable
Equipped with a Tension Indicator
- Material: Stainless Steel Grade 316
- Quantity: 1 nos



* Also supplied with Black ED Coated mounting bracket PN 7000 EC(01) for value engineering



► Ref: VERTEX PN 8000 System Specifications

This Vertical fall Arrest Anchorage system (certifying to EN 353-1:2014+A1:2017) is an integrated Fall Arrest solution made of a Vertical Aluminium Alloy Guide Rail over which glides a Guided-Type Fall Arrest Trolley.

The line is constructed by attaching the Aluminium rail Intermediates of length 3 mtrs. in series using a Junction to connect them to each other, and Rung Clamps to affix them to the ladder rungs. The trolley moves up and down on the line accompanying the user who is connected to it with an Auto-locking Steel Karabiner.

In the event of a fall, the trolley which is inbuilt with Shock Absorption feature, immediately locks over the Rail, thus arresting the fall. Also, when not in use, the Uni-directional locking system of the Trolley prevents it from sliding down on its own.

The Rail comes with an Extension Arm that curves at the Ladder-end over the working platform. This allows the climbers to be connected with the trolley even at the Ladder termination ensuring complete safety.

The bottom most section is the Aluminium Rail Extremity which is equipped at the end with a lock that prevents the trolley from moving out of the rail.

The system also has an Inspection Name Plate which is installed on the first rung of the ladder for identification, traceability and maintenance of inspection records. One stainless steel cable ties are used to fasten the System Name Plate to the structure. At time of installation, the relevant details are punched on the plate by a number punch. The revalidation dates are punched each year on the plates after inspection and revalidation.

This system can be used on telecommunication towers, radio and TV masts, power supply and hydroelectric installations, wind power facilities, construction, chimney and industrial plants, buildings and facades, crane installations, shafts and manholes, aircraft hangars and for loading/ unloading of trains and vehicles, petrochemical plants, on-shore and off-shore oil rigs, and ship-building.

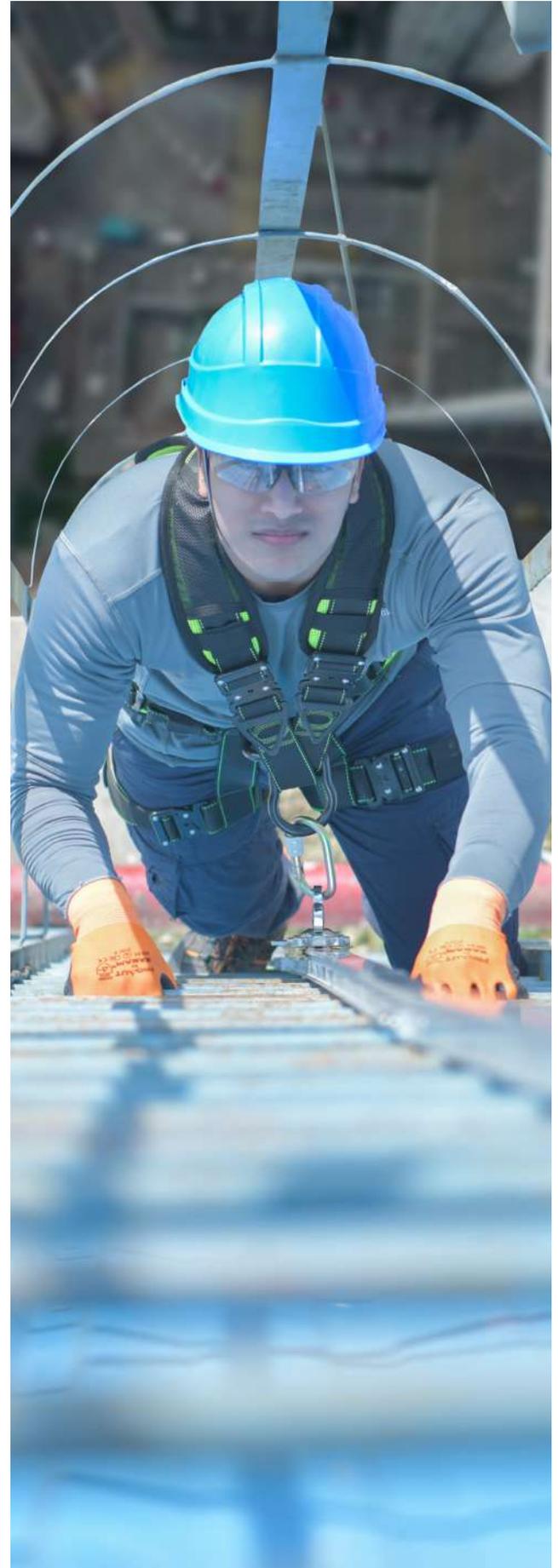
Support for Alu Extension



Ref. PN 8000(05)
For Trapezoidal Roof



Ref. PN 8000(06)
For Standing Seam Roof



Compatible with rung diameter: Ø18.0mm - Ø36.0mm

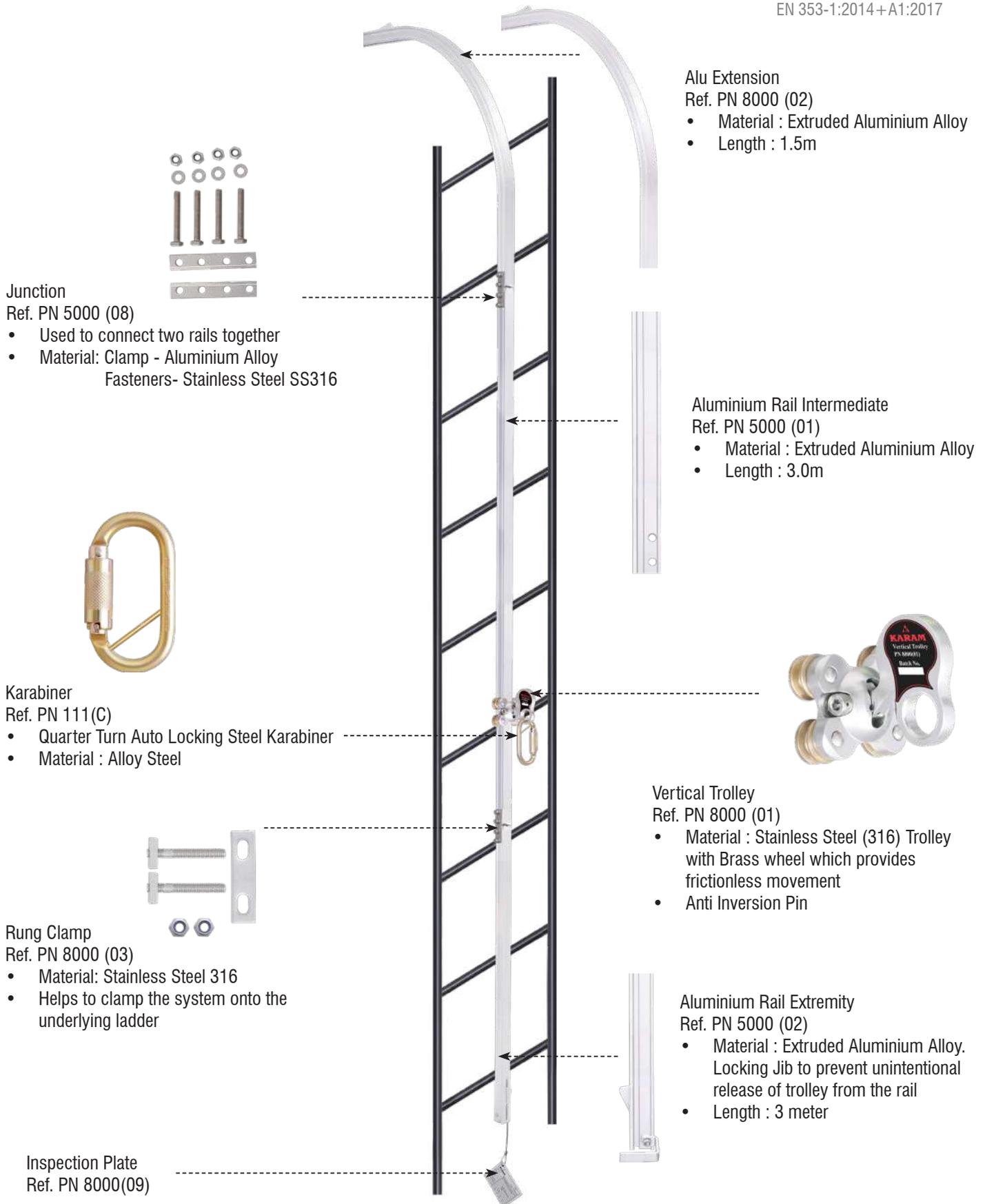


Vertical Anchorage Line System on Rigid Aluminium Rail



EN 353-1:2014+A1:2017

➤ Ref: VERTEX PN 8000



Alu Extension
 Ref. PN 8000 (02)

- Material : Extruded Aluminium Alloy
- Length : 1.5m

Junction
 Ref. PN 5000 (08)

- Used to connect two rails together
- Material: Clamp - Aluminium Alloy
 Fasteners- Stainless Steel SS316

Aluminium Rail Intermediate
 Ref. PN 5000 (01)

- Material : Extruded Aluminium Alloy
- Length : 3.0m

Karabiner
 Ref. PN 111(C)

- Quarter Turn Auto Locking Steel Karabiner
- Material : Alloy Steel



Vertical Trolley
 Ref. PN 8000 (01)

- Material : Stainless Steel (316) Trolley with Brass wheel which provides frictionless movement
- Anti Inversion Pin

Rung Clamp
 Ref. PN 8000 (03)

- Material: Stainless Steel 316
- Helps to clamp the system onto the underlying ladder

Aluminium Rail Extremity
 Ref. PN 5000 (02)

- Material : Extruded Aluminium Alloy. Locking Jib to prevent unintentional release of trolley from the rail
- Length : 3 meter

Inspection Plate
 Ref. PN 8000(09)



► Ref: VERTEX PN 9000 System Specifications

This is a complete Fall protection Ladder System which consists of ED Coated Black Steel Ladder Rungs over which is fixed the Vertical Anchorage Rail made of Aluminium Alloy. This system is an ideal choice for use where there are no pre-fabricated ladders or climbing structures available for climbing and can be fitted over various structures using different types of fasteners.

The system certified to EN 353-1:2014+A1:2017

The Rungs of the Ladder, made of Alloy Steel, are fitted at a suitable distance from the underlying structure/ profile to allow enough foot space. The rungs also have a grooved surface that allows a slip-free grip while climbing.

The Aluminium Anchorage Rail fitted on to the center of the Rungs of the ladder is smooth and allows the Guided type Fall-Arrest Trolley to glide effortlessly over its length. This trolley moves up and down accompanying the user who is connected to it with the help of an Auto-locking Karabiner.

The Trolley is made of Stainless Steel and has wheels made of Brass, making the system highly corrosion resistant and extremely smooth in working.

In the event of a fall, the trolley immediately locks over the Rail, thus arresting the fall. Also, while not in use, the Uni-directional locking system of the Trolley does not allow it to fall freely down the Rail.

The system comes with an Extension Arm that curves at the Ladder-end over the working platform. This allows the climbers to be connected with the trolley even at the Ladder termination, ensuring complete safety.

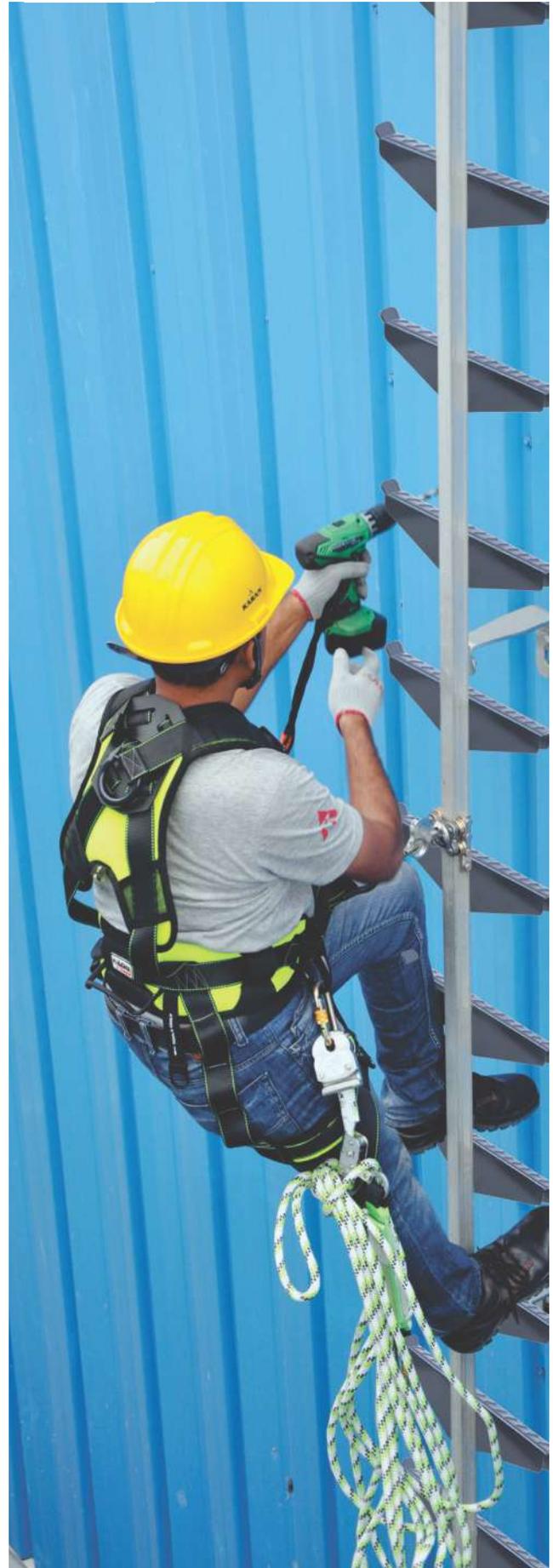
The bottom most section is the Aluminium Rail Extremity which is equipped at the end with a lock that prevents the trolley from moving out of the rail.

The system also has an Inspection Name Plate which is installed on the first rung of the ladder for identification, traceability and maintenance of inspection records.

This system can be used on telecommunications towers, radio and TV masts, power supply and hydroelectric installations, wind power facilities, construction, chimney and industrial plants, buildings and facades, crane installations, shafts and manholes, aircraft hangars and for loading/ unloading of trains and vehicles, petrochemical plants, on-shore and off-shore oil rigs, ship-building.



Scan here for a virtual tour of the product



Extendable Brackets for Vertical Lifeline



Ref. PN 9000 (13)



Ref. PN 9000 (13)EC

- Extendable Bracket for Vertical Aluminium Rail Lifeline Systems on side cladding of pre engineered building
- Telescopic adjustment to adjust the clearance of the line from the vertical column and purlin

Support for Alu Extension



Ref. PN 8000(05)
For Trapezoidal
Roof



Ref. PN 8000(06)
For Standing
Seam Roof

- Support for Alu Extension on the Landing Platform

Option of Half Rungs Ladder also available

Ladder Rung Material :
ED Coated Black
Ref. PN 9000(HR)



Vertical Anchorage Line System on Rigid Aluminium Rail



EN 353-1:2014+A1:2017

Ref: VERTEX PN 9000



Stainless Steel
Ceiling Mounting Bracket
Ref. PN 5000 (06)

- Material: Stainless Steel 316
- Help to mount the ladder on to the underlying structure



Stainless Steel Mounting Nut
Ref. PN 5000 (03)

- To connect the rail to the mounting Bracket
- Material : Stainless Steel 316
- Also available in Galvanized Steel version
Ref. PN 5000 (03)R

Karabiner
Ref. PN 111(C)

- Quarter Turn Auto Locking Steel Karabiner
- Material : Alloy Steel



Junction
Ref. PN 5000 (08)

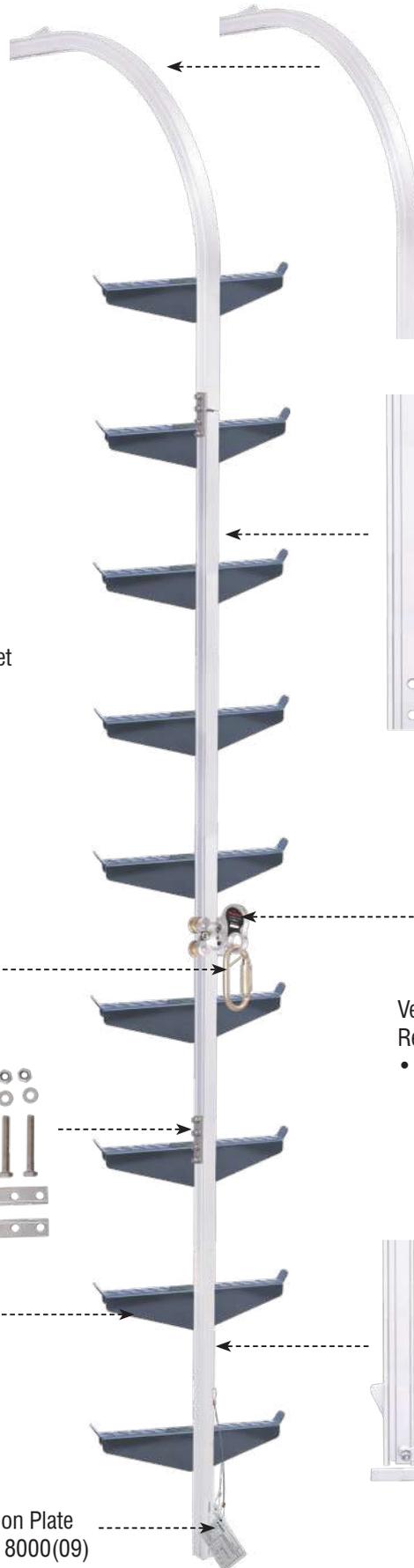
- Used to connect two rails together
- Clamp made up of Aluminium Alloy and Fasteners-SS316



Ladder Rung Assembly
Ref. PN 9000 (01)

- Ladder Rung Material : ED Coated Black

Inspection Plate
Ref. PN 8000(09)



Alu Extension

Ref. PN 8000 (02)

- Material : Extruded Aluminium Alloy
- Length : 1.5m

Aluminium Rail Intermediate with Rung
Ref. PN 9000 (03)

- Material : Extruded Aluminium Alloy
- Length : 3.0m



Vertical Trolley

Ref. PN 8000 (01)

- Material: Stainless Steel (316) Trolley with Brass wheels which provide frictionless movement. Anti inversion pin to prevent unintentional release of trolley from the rail

Aluminium Rail Extremity with Rung

Ref. PN 9000 (02)

- Material : Extruded Aluminium Alloy
- Length : 3 m

* Also supplied with ED Coated (Black) mounting bracket PN 5000 (06)R and hot dipped galvanized mounting nut PN 5000 (03)R for value engineering

Ref: HORIZON PN 4000 (Roof Mounted)

System Specifications

Horizon PN 4000 provides permanent anchorage to a user who has to constantly move along an elevated horizontal track. It comprises of a Stainless Steel Wire Rope (grade 316) of 8 mm diameter running all along the horizontal track, and is installed at the ends using special End Extremity Posts. The Intermediate brackets hold the wire in position all along the length of the wire, and are installed at an interval of 5-12 mtrs. The Wire Rope is maintained in tension with the help of Tensioner at one end, while the other end has a swage termination on to the Eye of the End Extremity Post.

The Stainless Steel Carriage Body connects the user to the line with the help of a Lanyard and moves smoothly without interruption along the entire length of the Horizontal line and also through the Intermediate Brackets, thus ensuring 100% anchorage of the user at all times. Conforms to EN 795:2012 Type C and TS 16415:2013



Scan here for a virtual tour of the product

Shock Absorber

Ref. PN 4000MU (02)

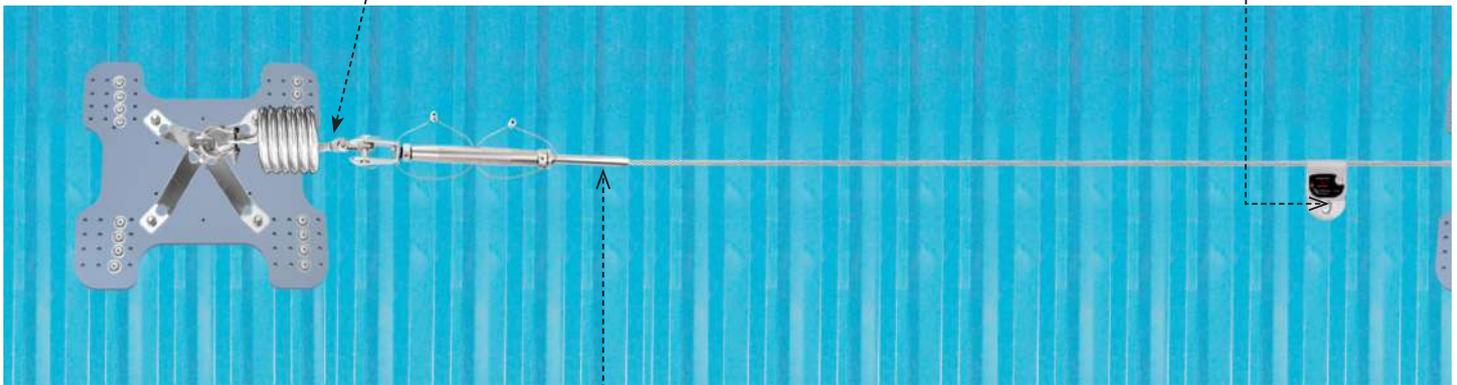
- Material : Stainless Steel 304



Carriage Body

Ref. PN 4000 (08)

- Material : Stainless Steel 316
- Feature : Friction Free movement



Swaged Tensioner

Ref. PN 4000 (03)

- Regulates tensioning of the cable
- Material: Stainless Steel 316
- Feature: Swage termination

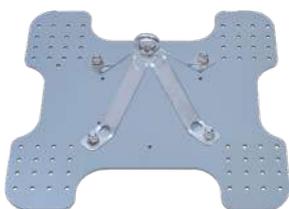


Inspection Plate
Ref. PN 4000 (20)



Corner Post for Trapezoidal Roof
Ref. PN 4000 (26)

For Trapezoidal Sheet



Roof Top Anchor Post Extremity
for Galvvolume Trapezoidal Roof
Ref. SA07 G



Roof Top Anchor Post Intermediate
for Galvvolume Trapezoidal Roof
Ref. SA07 H

For Standing Seam Roof



Roof Top Anchor Post Extremity
for Standing Seam Roof
Ref. SA07 I



Roof Top Anchor Post Intermediate
for Standing Seam Roof
Ref. SA07 J

► Ref: HORIZON PN 4000 (Roof Mounted)

The line also has a Shock Absorber at one end which reduces the impact of fall both on the user as well as on the extremities.

The system also has an Inspection Name Plate for identification, traceability and maintenance of inspection records. One Stainless Steel Cable tie is used to fasten the System Name Plate to the structure. At time of installation, the relevant details are punched on the plate by a number punch. The revalidation dates are punched each year on the plates after inspection and revalidation.

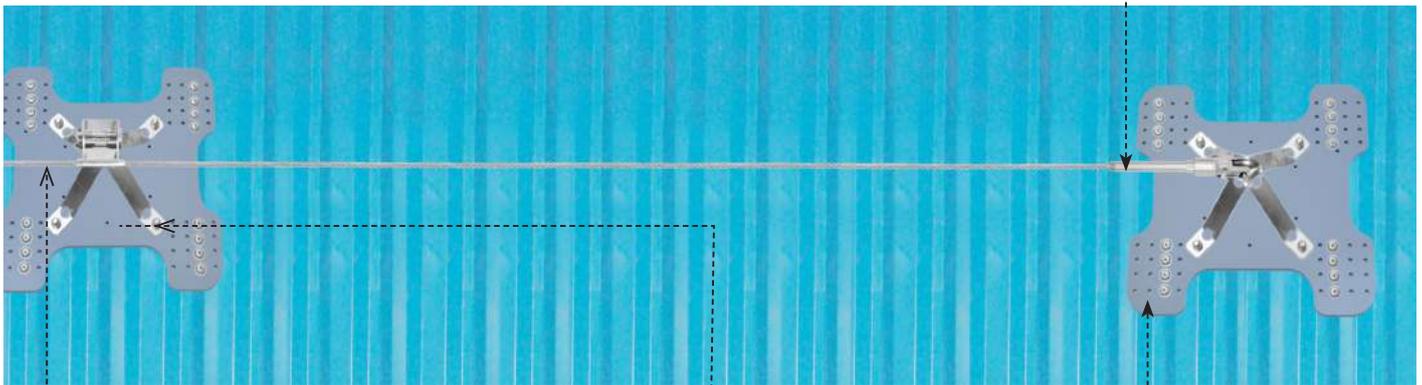
The System is versatile and can be installed on Walls, Floors, Ceilings as well as on Pre-engineered Building Roofs, Fragile Roofs, Airports using the same components by using appropriate posts to install the system to the client's receiving structure. Conforms to EN 795:2012 Type C and TS 16415:2013

- Wire Rope (Cable Wire)
Ref. PN 9XXXS (where XXX is the length of the Wire rope in meters)
- Material: Stainless Steel 316
 - Diameter: 8 mm
 - Construction: 7x19



- Swaged Cable Extremity
Ref. PN 4000 (15)

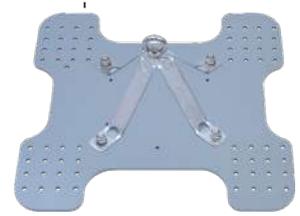
- Allows crimping of the cable wire at the desired length, and eliminates danger of any loose wire
- Material: Stainless Steel 316
- Feature: Swaged termination



- Intermediate
Ref. PN 4000 (10)
- Material: Stainless Steel 316
 - Recommended Installation Every 5-12 mtrs

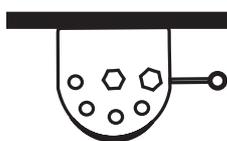


Roof Top Anchor Post Intermediate
Ref. SA07 H

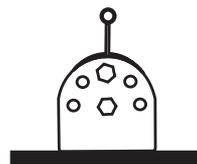


Roof Top Anchor Post Extremity
Ref. SA07 G

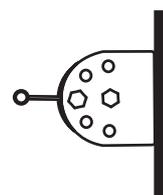
Intermediate Brackets Orientation for different Installation



Ceiling Mounting



Floor Mounting



Wall Mounting

Ref: HORIZON PN 4000 (Floor/Ceiling Mounted)

System Specifications

Horizon PN 4000 provides permanent anchorage to maximum 4 users simultaneously, who has to constantly move along an elevated horizontal track. It comprises of a Stainless Steel Wire Rope grade 316 of 8 mm diameter running all along the horizontal track. It is installed at the ends using special Universal Extremity Plates. The Intermediate brackets hold the wire in position all along the length of the wire, and are installed at intervals of 8-12 mtrs. The line is maintained in tension with the help of Tensioner at one end while the other end has a swage less termination on to the Universal Extremity plate.

The Stainless Steel Carriage Body connects the user to the line with the help of a Lanyard/Retractable Block, and moves smoothly without interruption along the entire length of the Horizontal Line and also through the Intermediate Brackets, ensuring 100% anchorage of the user at all times.

The system also has an Inspection Name Plate for identification, traceability and maintenance of inspection records. One Stainless Steel Cable Tie are used to fasten the System Name Plate to the structure. At time of installation, the relevant details are punched on the plate by a number punch. The revalidation dates are punched each year on the plates after inspection and revalidation. Conforms to EN 795:2012 Type C and TS 16415:2013



Scan here for a virtual tour of the product

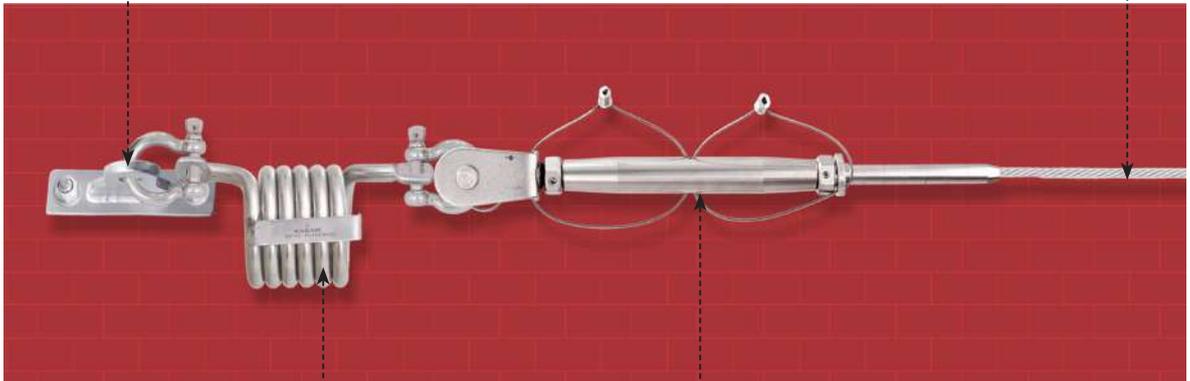
Universal Extremity Plate
Ref. PN 4000 (09)

- Material : Stainless Steel 316



Wire Rope (Cable Wire)
Ref. PN 9XXXS (Where XXX is the Length of the wire rope in meters)

- Material : Stainless Steel 316
- Diameter : 8mm
- Construction : 7x19



Shock Absorber
Ref. PN 4000MU (02)

- Material : Stainless Steel 304

Swaged Tensioner
Ref. PN 4000 (03)

- Regulates tensioning of the cable.
- Material : Stainless Steel 316.
- Feature : Swaged termination.

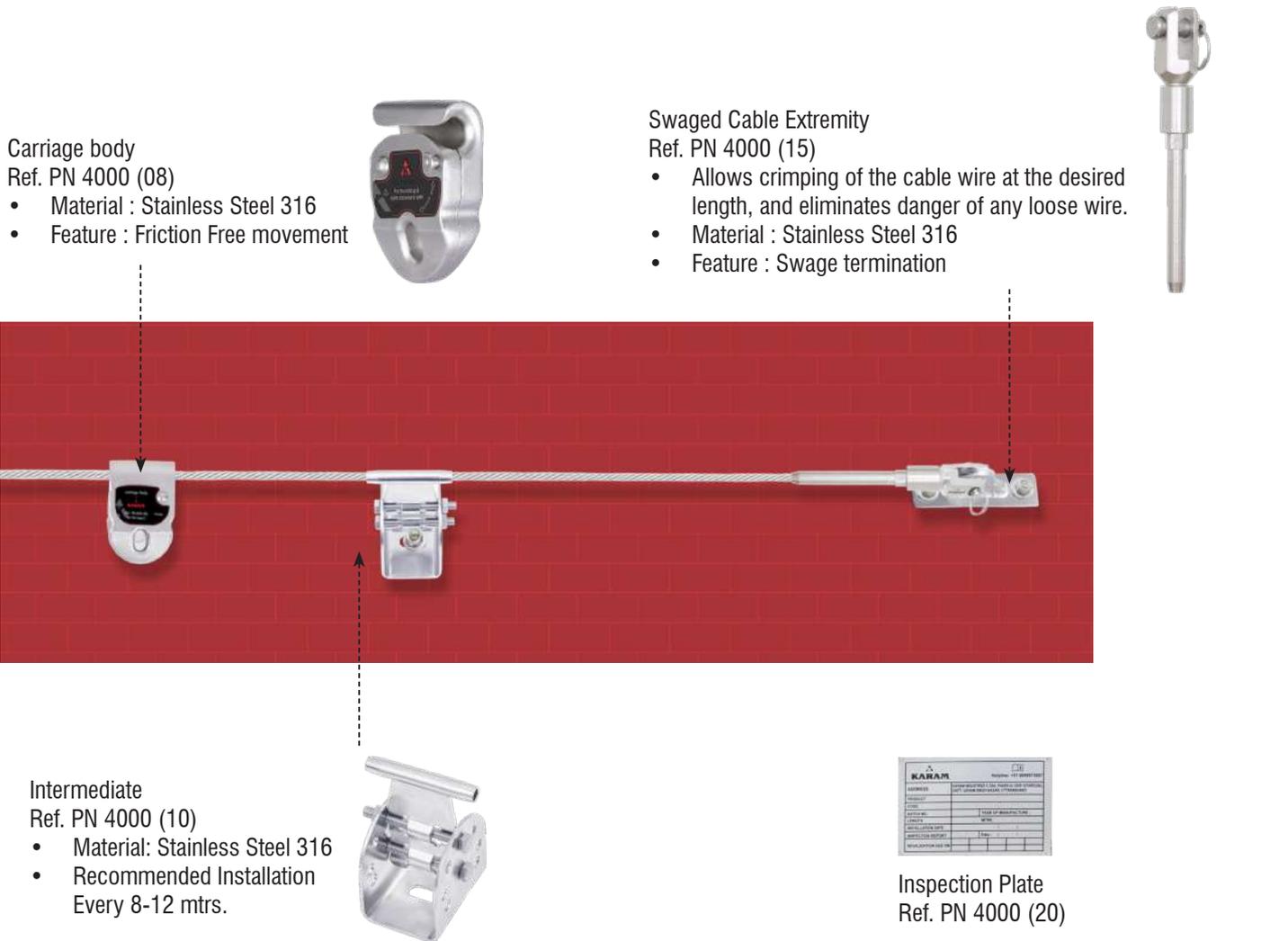


Ref: HORIZON PN 4000 (Floor/Ceiling Mounted)

The System is versatile and can be installed on Walls, Floors, Ceilings, as well as on Roof Tops, using the same components by just altering the orientation of the Intermediate Brackets and selection of suitable anchor point.

Horizon PN 4000 has the unique distinction of being certified by Sira for ATEX to comply with use in potentially explosive atmosphere (as per Potentially Explosive Atmospheres Directive 2014/34/EU), and conforms to Norms EN ISO 80079-36:2016, and EN ISO 80079-37:2016. The system is certified to be intrinsically safe, hence is an ideal choice for use in Industries like Petroleum/ Petro-Chemical Plants without fear of causing explosion due to any sparking. The system can also be used in Truck Loading / Unloading, Advertisement Bill Boards, Industrial Cranes, Oversized machines, Reactors, Turbines etc.

The System is conforms to EN 795:2012 Type C, TS 16415:2013 and Atex approved and for use in potentially explosive areas.



Optional



Wheel Type Carriage Body
Ref. PN 4000 (17)



Double Tandem Pulley Small with SS Sheaves
Ref. AP 016

Ref: HORIZON PN 5000
System Specifications

This Anchorage Rail system complies with EN 795:2012 Type D and designed to provide safe anchorage for horizontal movement while working at height. The Worker wears a Full body Harness and uses a Lanyard (or other Connector compliant with EN 354/EN 355) to connect to the eye of the Trolley, which glides along the Aluminium horizontal Rail. For overhead applications a Self Retractable Fall Arrester can be used to provide the most effective means of fall protection.

The Horizon PN 5000 can be fitted on to floors, wall and on ceilings using special mounting brackets. The Wall-mounting brackets can be flushed along the surface of the wall. Alternately, special mounting brackets which allow a recess between the rail and the wall may be used so as not to interrupt underlying structures like pipes and wires.

The rail is available in straight as well as curved forms (for corners and bends). The specially fixed junctions between different lengths of the rail allow an extremely smooth movement of the Trolley.

The system also has an Inspection Name Plate for identification, traceability and maintenance of inspection records. Conforms to EN 795:2012 Type D



Scan here for a virtual tour of the product

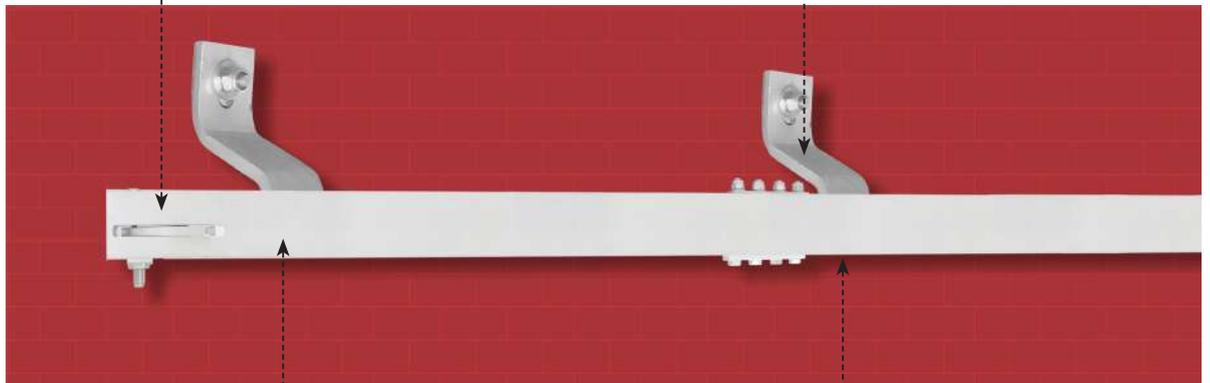
Aluminium Rail Extremity
Ref. PN 5000 (02)

- Material : Extruded Aluminium Alloy
- Length : 3 meter



Ceiling Mounting Bracket
Ref. PN 5000 (06)

- Material: Stainless Steel 316
(For Ceiling mounting)



Alu. Rail Intermediate
Ref. PN 5000 (01)

- Material : Extruded Aluminium Alloy
- Length : 3 Meter.



Wall Mounting Bracket
Flush Type
Ref. PN 5000 (04)

- Material : Stainless Steel 316
(for Flush type wall Mounting)



Wall Mounting Bracket
with Recess
Ref. PN 5000 (05)

- Material : Stainless Steel 316
(for Wall Mounting with Recess)



► Ref: HORIZON PN 5000

Installations Using Different Types of Mounting Brackets



Wall Mounted Installation
(with Recess)



Wall Mounted Installation
(Flush Type)



Floor Mounted Installation



Ceiling Mounted Installation

Curved Aluminium Rail

Material:
Extruded Aluminium Alloy



(Outer Wall Mounted)
Ref. PN 5000 (09A)



(Inner Wall Mounted)
Ref. PN 5000 (09B)

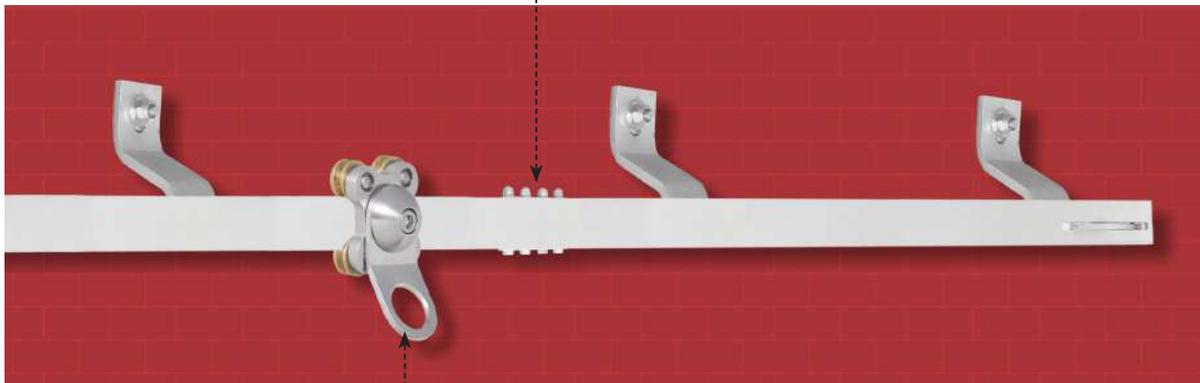


(Ceiling/ Floors)
Ref. PN 5000 (10)

Junction

Ref. PN 5000 (08)

- Used to Connect Two rails together.
- Material : Clamp-Aluminium Alloy Fasteners-SS316



Trolley for Wall
Ref. PN 5000 (12)



Trolley For Ceiling/Floor
Ref. PN 5000 (13)



Mounting Nut
Ref. PN 5000 (03)

Material: Stainless Steel 316 to connect the rail to the mounting Bracket PN 5000(04) or PN 5000 (05)

- Material : Stainless Steel 316 Trolley with Brass wheels which provide frictionless movement.



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