

2023

With more than 200 different components, APAC Builders Equipment is able to create customized edge protection systems that are perfectly suited to your construction site needs.



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EDGE PROTECTION SYSTEM



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MANAGING DIRECTOR



In the construction industry, the number of fatal and nonfatal occupational injuries is higher than in other industries. Among the causes of these accidents, falls from the leading edge can be the most hazardous activity. The aim of the Edge Protection System (EPS) is to reduce the risk of falls from the leading edge, leading to the advancement and promotion of safety in the construction industry.

With APAC, you will get more than edge protection products – an expert partner who stands by your side. A one-stop solution helps you minimize potential safety hazards in every aspect of the construction process, truly ensuring the lives and health of every person on every construction site in the world, which has been our original mission since our establishment in 2014.

Pieter Zhang

Managing Director - APAC Builders Equipment Leading supplier of construction site safety products and solutions





Leading The Way In Construction Edge Protection

ABOUT US



Founded in 2014, APAC has successfully supplied many clients with edge protection systems for over 8 years. We already have 20+ edge protection system series with more than 200 types of products, and applications for concrete projects, steel structures, formwork frames, rooftops, industrial operations, and so on.

Aims to provide a safer working environment, up to now, we always maintain the highest safety standards and provide the highest quality edge protection components and parts. All components are manufactured in accordance with **EN 13374**, **OSHA 1926.502**, **AS/NZS 4994.1**, and **AS/NZS 1170**, etc. The edge protection systems are hot selling in North America, Europe, Australia, Mid-East, and Southeast Asia.

Both **ODM / OEM** services are provided at our own production site, supported by specialized technicists from **CAD** concepts to productions.

DEVELOPMENT TIMELINE

2014

Founded

Registered in London, where APAC Builders Equipment was first born.

2015

EPS Developed

Started to offer edge protection equipment to UK, and the products were continuously developed.



Business Expansion

Expanded business to Australia, open APAC's overall building safety protection concept.

2018

More Team members Joined

Registered the company in mainland of China, and more team members began to join in.

2021

Product Upgraded

Designed and upgraded some components of our concrete slab edge protection.

Now

More Professional

As a leading EPS supplier, provide construction products all over the world.

VISION

BE YOUR NO. 1 SUPPLIER OF WORKSITE SAFETY PRODUCTS IN CHINA.

We are committed to the constant pursuit of technological innovation in edge protection so that we can meet all your construction site safety needs. Even for the most complex project, we can ensure that the workplace is as safe as it can be.



MISSION

- To research and choose the right solutions that fit your projects and legal requirements and provide superior technical guidance for your project.
- To be your best choice of you by achieving superior quality, timely delivery, and excellent aftersales service.
- To work closely with you on every step of progress to ensure superior quality from raw material selection to full-scale manufacturing before delivery.
- To allow authoritative third-party institutes to carry out tests on our products meeting international standards.



OUR SERVICE

APAC Builders Equipment Co., Ltd is a fast grown Chinese company that focuses on construction technical development, meets the needs of the market and provides innovative products with outstanding services.

01

Inquiry & Consult

Preventing falling hazards is our top priority, APAC committees to providing consultant service on construction site edge protection.



Manufacturing

Factories have dedicated automatic welding lines and an automatic powder coating line. 30,000 linear metres of EPS can be produced per month.

02

OEM/ODM

APAC not only provides highquality standard components of construction edge protection, we also offer customization OEM & ODM services.



Quality Control

Based on the ISO9001 Quality Management System, our professional team strictly examines every procedure, so as to ensure the high quality of products. 03

Design & Customized

We provide technical support for our EPS, your requirements can be quickly turned into prototypes that can be 3D demoed, tested and evaluated both in our facility.

06

Warehousing & Delivery

APAC's EPS products will be shipped directly from our factories in China. All finished products are stored safely in spacious warehouses before delivery.

QUALITY FIRST MANUFACTURING



Throughout the manufacturing process, we use a variety of testing and inspection techniques to ensure that each product meets our stringent quality standards. This includes visual inspections, dimensional measurements, and material testing, among other methods.

We also maintain strict documentation procedures, tracking every aspect of the manufacturing process and maintaining detailed records of all inspections and tests.











QUALITY PACKAGING

We use a variety of packaging materials and techniques depending on the size, shape, and weight of the product. For smaller items, we use custom-designed boxes. For larger items, we use pallets and crates to provide maximum stability and protection.









OUR SOLUTIONS

Thanks to our variety of engineered attachments for different scenarios. Edge protection systems have a wide range of applications, they can be used for concrete slab structures, steel structures, stairway structures, formwork structures, temporary enclosure and blocking, groundworks, etc.



SLAB FRAME STRUCTURE

Can be installed by surface mounting, slab edge fixing options and non-drilled clamping attachments.



STEEL FRAME STRUCTURE

Offering engineered edge protection systems which meet the demands and diversity of steelwork erection safety procedures.



STAIRWAY STRUCTURE

EPS for staircases can be quickly installed by means of drilling and fixing, threaded inserts, prefabricated sockets or clamping.



FORMWORK STRUCTURE

Cleverly designed clips enable a quick-attach function, suitable for all sizes of aluminium beam profiles and timber beam profiles.



TEMPORARY ENCLOSURE

Our EPS system can be used as a temporary enclosure in traffic environments, construction sites, events etc.

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EXCAVATION WORKS

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Provides total solutions for all unprotected excavated areas. Suitable for sheet piles and trench boxes applications.

OUR SYSTEMS

APAC provides over 15 edge protection system series with more than 200 types of products, and applications for concrete projects, steel structures, formwork frames, rooftops, industrial operations, and so on.

Our systems are mainly divided into **SAFEDGE TYPE** and **TG TYPE**, Safedge series barrier has a frame welded outside of the welded mesh, and the safety post is integrated with a barrier locking mechanism. TG series barrier is made with welded barrier then bent to a specified angle, and barriers are usually fixed by posts and additional clips.



TOTAL SYSTEMS

20+

Different systems available for different applications.

COMPONENTS

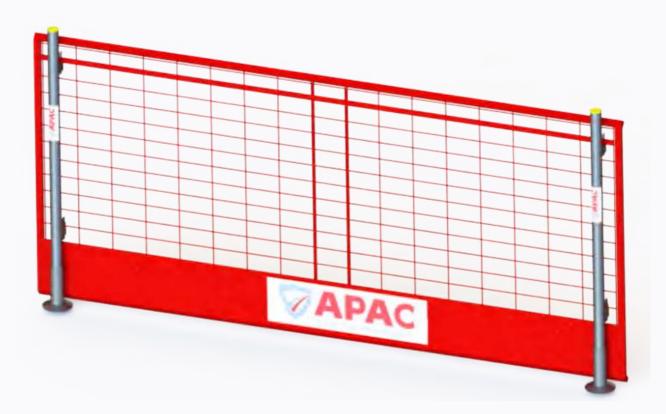
200+

Variety of components designed for different APAC's systems.

HAPPY CLIENTS

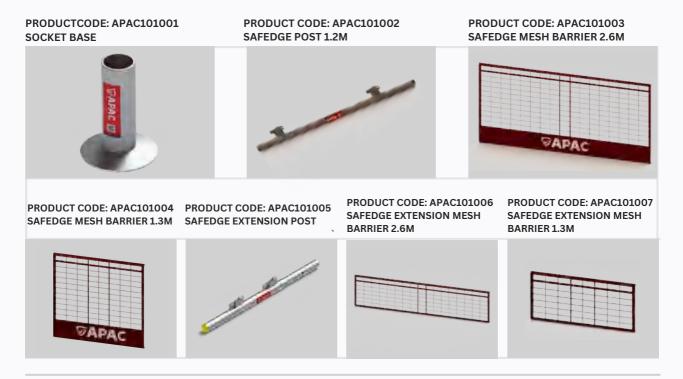
362+

Serving construction contractors, wholesalers and distributors worldwide.



SAFEDGE BOLT DOWN SYSTEM

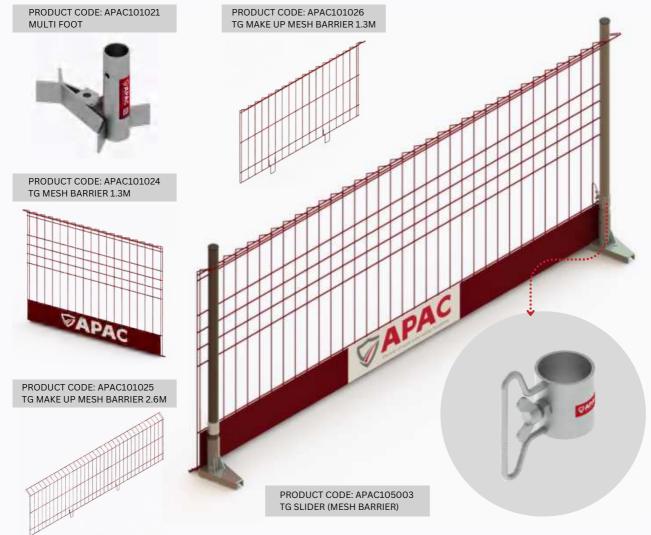
Slab edges are present everywhere and are a usual cause of fall accidents. Edge protection can be installed on the slab or the outside of the slab edge. If there are columns, they can be an alternative attachment to the edge protection. APAC Safedge Bolted down solution is by bolting the socket base to the top of the slab to set up a system.



TG BOLT DOWN SYSTEM

TG Bolt Down Edge Protection System is another fall protection system for concrete construction projects or Timber structures. The system is developed and manufactured by APAC Builders Equipment in China. The components include TG Foot, Multi Foot, TG Mesh Barrier 2.6m, TG Mesh Barrier 1.3m, TG makeup Mesh Barrier 2.6m/1.3m, TG post 1.3m/1.9m, and TG Slider (also called TG Barrier Clip).

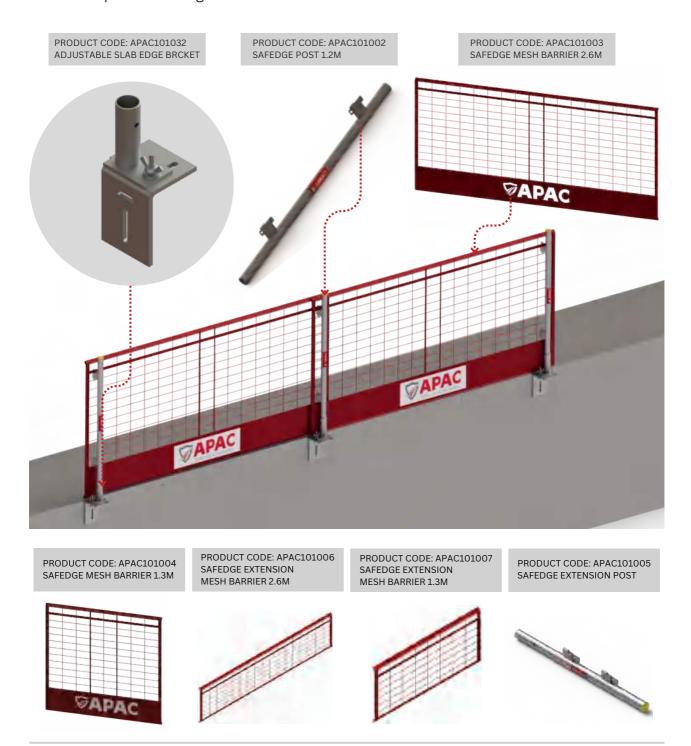




SAFEDGE EDGE BRACKET SYSTEM

Adjustable Slab Edge Brackets are the key elements of safedge edge bracket system. The adjustable slab edge brackets can be mounted to the side edge of the slab, using together with safedge post 1.2m, safedge mesh barrier 2.6m/1.3m to offer fall protection on the slab edge.

Safedge extension posts, safedge extension mesh barriers 2.6m/1.3m are available for a total 1.8m protection hight.

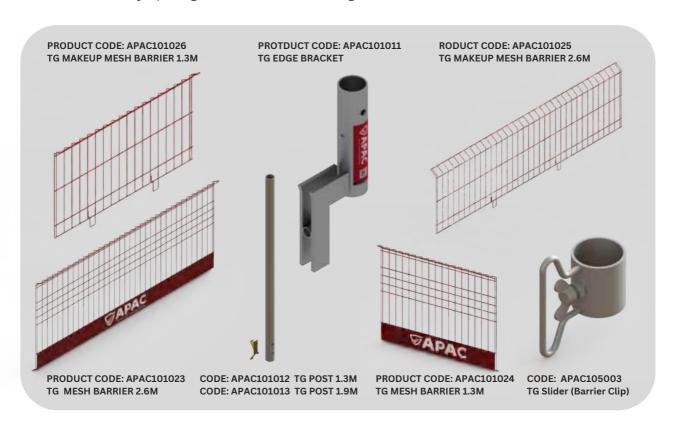


TG EDGE BRACKET SYSTEM



TG Edge Bracket units can be used over the slab or fixed away from the slab edge for internal brickwork concourse levels.

APAC TG EDGE BRACKET positions the Post 100mm off the face, providing access for edge finishing to be completed safely. Fitted using a single fixing, the edge bracket remains stable by spiking the concrete when tightened.



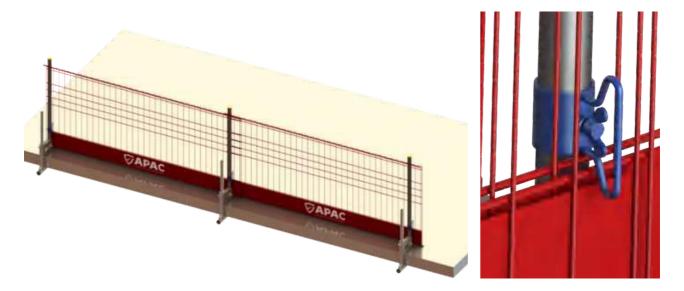


SAFEDGE SLAB CLAMP SYSTEM

Multi Slab Clamp is the key element of Safedge Slab Clamp System. By using this Multi Slab clamp the process of making holes is eliminated when installing edge protection. The Multi Slab Clamp can be swiveled and turned around and be installed in one simple operation without damaging the sensitive surface. The safedge posts will be fixed to the multi slab clamps to set the safedge mesh barriers.

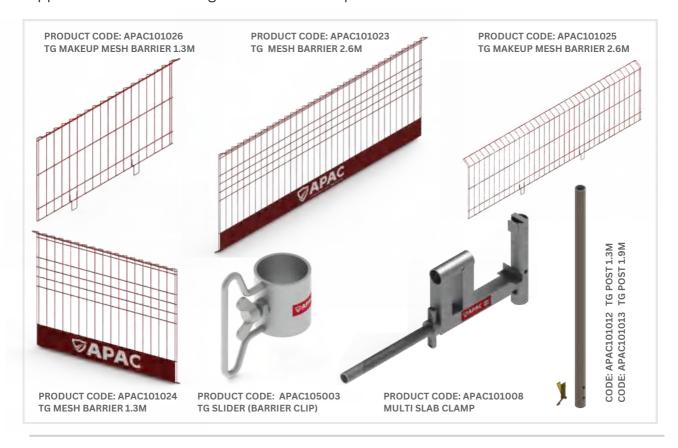


TG SLAB CLAMP SYSTEM



TG Slab Clamp System uses the same multi slab clamp as Safedge Clamp System. The Multi slab Clamp offers both horizontal and vertical clamping options and can be quickly set to a maximum of 450mm using the welded O.D 38 thread and tightened securely with a hammer.

The TG Slab Clamp System covers a wide range of applications and is perfect for applications where drilling into floor slabs is prohibited.



SAFEDGE ALUMINIUM BEAM SYSTEM



Safedge Aluminium Beam System consists of Adjustable Aluminium Beam Clamps, Safedge post, Safedge Mesh Barrier, and timber board for the primary aluminium beam.

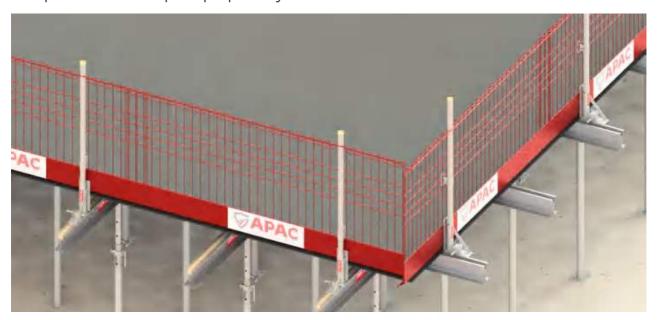
The Adjustable Aluminium Beam Clamps are designed to fit the required load criteria imparted on Formwork decking system arrangements.

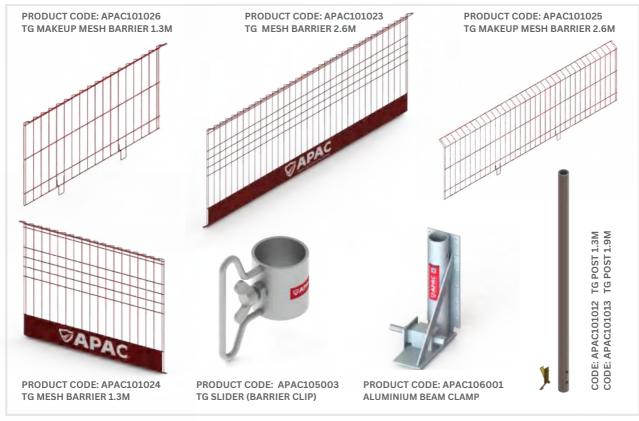


TG ALUMINIUM BEAM SYSTEM

TG Aluminium beam system consists of Adjustable Aluminium Beam Clamps, TG posts, TG sliders and TG mesh barriers. The Aluminium Beam clamp is designed to meet the different beam sizes 60mm to 150mm in width.

APAC has engineered the H20 Beam Clamps to fit 40mm & 60mm H20 beams. Compatible with European proprietary timber beam sections.

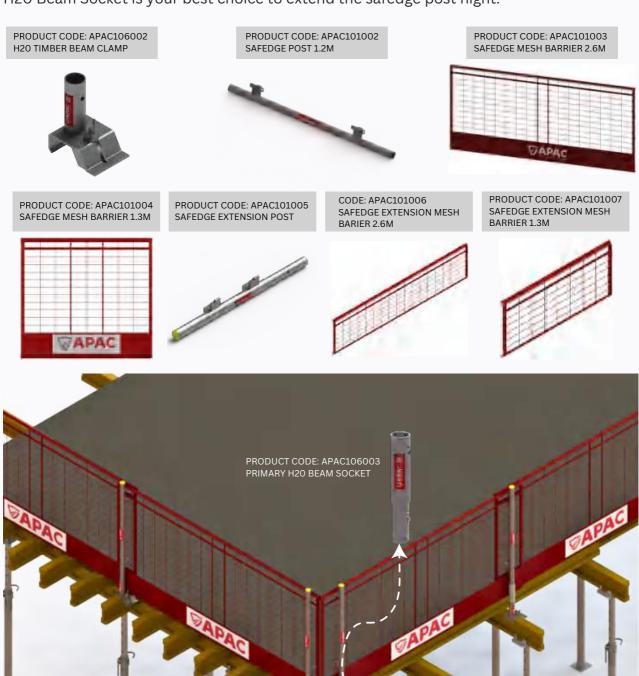




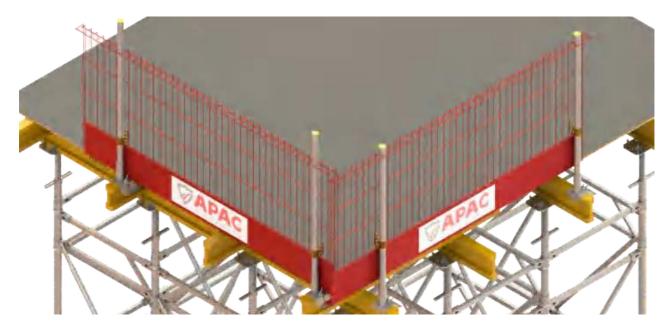
SAFEDGE H20 TIMBER BEAM SYSTEM

Safedge H20 Timber Beam System consists of H20 Timber Beam Clamps, Safedge post, Safedge mesh barrier. The H20 Beam clamp is designed to meet the required load criteria imparted on Formwork decking system arrangements.

If you want to settle the H20 Timber beam clamps to the secondary beams, the Primary H20 Beam Socket is your best choice to extend the safedge post hight.

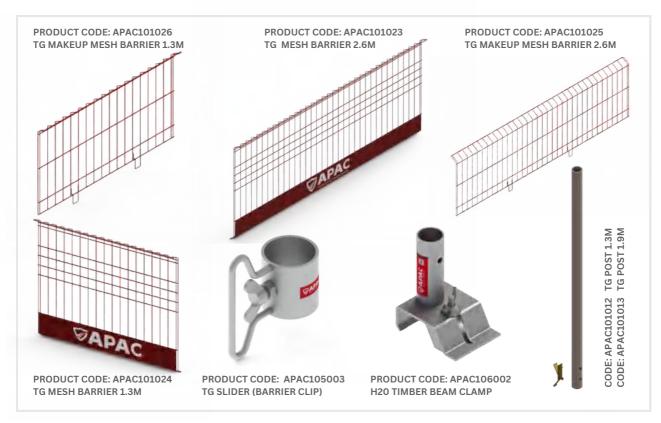


TG H20 TIMBER BEAM SYSTEM



TG H20 Timber beam system consists of H20 Timber Beam Clamps, TG posts, TG sliders, and TG mesh barriers. The H20 Beam clamp is designed to meet the required load criteria imparted on Formwork decking system arrangements.

APAC has engineered the H20 Beam Clamps to fit 40mm & 60mm H20 beams. Compatible with European proprietary timber beam sections.





STAIRWAY EDGE PROTECTION SYSTEM



CLAMP ON STAIR EDGE PROTECTION SYSTEM



MESH BARRIER STAIR EDGE PROTECTION SYSTEM

APAC Builders Equipment manufactures custom stair edge protection systems



CLAMP ON STAIR EDGE PROTECTION SYSTEM

with form-fitting edges of stairs. These are highly made for construction sites.

We have temporary stairwell edge protection systems with handrails or barriers for you.

PRODUCT CODE: APAC101018 STAIR CLAMP

PRODUCT CODE: APAC101001 SOCKET BASE





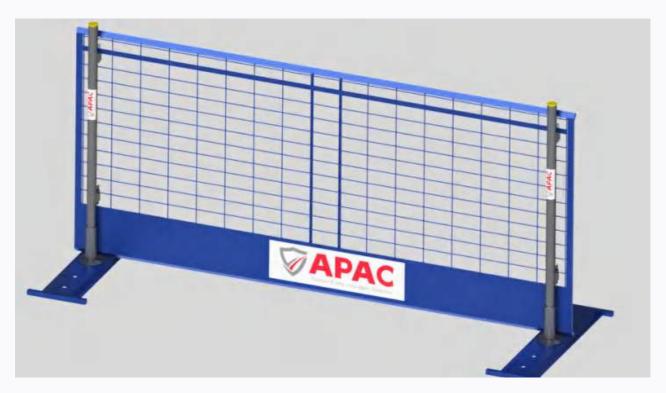




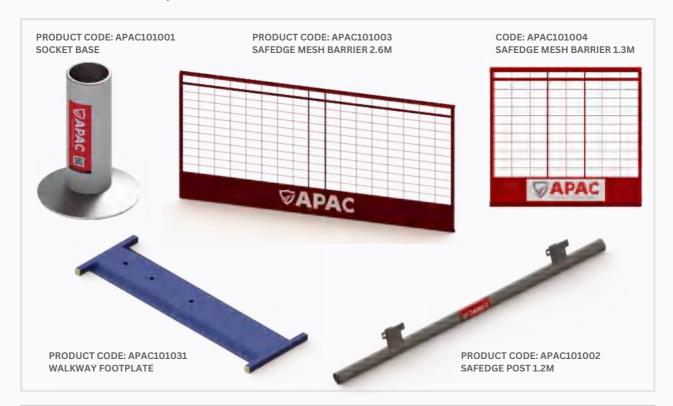
PRODUCT CODE: APAC101002

SAFEDGE POST 1.2M

SAFEDGE WALK WAY SYSTEM



The provision for safe site walkways and non-pedestrian-zoned areas on site is a major site safety issue. APAC has tailored our commitment to this area by developing a walkway system that offers durability and strength, great flexibility, and the ability to be adapted to suit the most complex of site access areas.





COMPRESSION POST SYSTEM

Compression Post Systems are used to install edge protection between concrete slabs and in other situations on construction sites. They are mainly used in concrete floors and soffits, but can also be provided for fixing some steel frames.



FEATURES:

- No tooling and no drilling are required.
- Engineered secure lock mechanism, easy to handle
- Strong design, max safe load of 150kg
- Built-in visual gauge
- APAC102011 accommodates from 2.3m to 3.5m
- APAC102012 accommodates from 3.3m to 4.5m
- Complies to EN 13374-A.





In order to facilitate transportation, stacking, and lifting of safedge compression posts, the posts are transported by using stackable racks and the barrier clips will be packed into

the box crates.



COMPRESSION POST

The COMPRESSION POST fixes between concrete floors and soffits without anchors to provide safe and rapid installation of edge protection.

The COMPRESSION POST can be mechanically anchored to both slab and soffit in areas of extreme wind loading such as high-rise developments.

The Compression Post is a safety edge protection post used on concrete residential structures installed from floor to Ceiling. Quick and easy to erect, it offers up to the 3.5m (11'6") floor to soffit full containment.

(Compression Post XL is available to 4.5m height)



ANCHOR CLAW
INCREASES THE FRICTION
AND ALLOWS THE POST
TO BE FIRMLY FIXED TO
THE SLABS.

ENGINEERED HANDLE MECHANISM DESIGN MAKES INSTALLATION VERY EASY TO OPERATE, NO TOOLING AND NO DRILLING REQUIRED





THE SPRING MECHANISM ALLOWS THE POST TO BE COMPRESSED BETWEEN THE FLOOR SLABS AND THE VISION GAUGE ENSURES THAT NO FULL COMPRESSION OCCURS.

When sliding the adjustment handle at Final postion, the spring will be compressed then make the top plate come down toward the inner tube.

* View the inspection gauge. In the event it is showing any RED, rotate the post counter clockwise until the RED is no longer visible.



Slide the adjustment handle down so the ring sits against the outer tube



Final Position

CODE: APAC102011 COMPRESSION POST

CODE: APAC102012
COMPRESSION POST XL

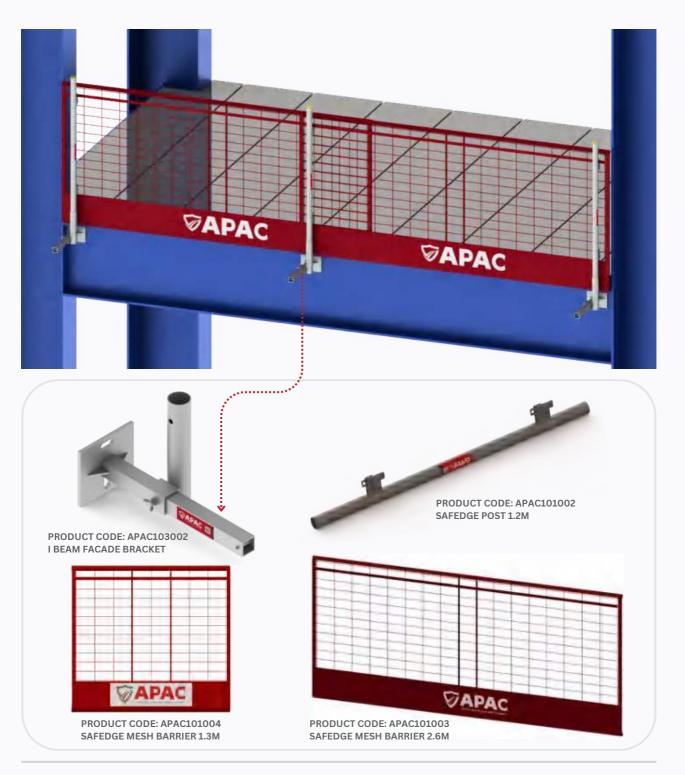




SAFEDGE I BEAM FACADE BRACKET SYSTEM

I Beam Facade Bracket System is designed for the fixing of edge protection systems for steel structures.

Safedge I beam facade bracket system consists of safedge posts, safedge mesh barriers 2.6m/1.3m and I Beam Facade brackets.

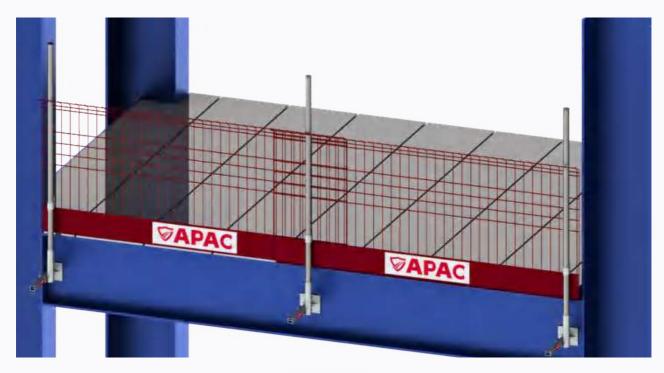




TG I BEAM FACADE BRACKET SYSTEM

TG I beam facade bracket system consists of I beam facade brackets, TG posts, TG sliders, and TG mesh barriers 2.6m or 1.3m.

This Bracket is mounted to the surface of the I Beam web, integrated into the Safety Posts, and can be adjustable horizontal to fit different I Beam installation tasks.

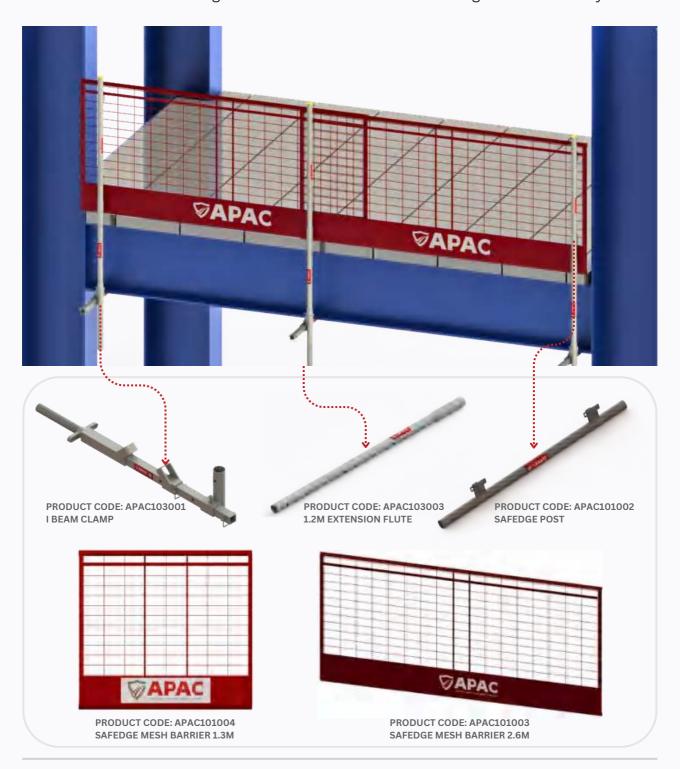




SAFEDGE I BEAM CLAMP SYSTEM

The I-Beam Clamp Barrier edge protection also called flange clamp edge protection, The system is extremely flexible. It does not rely on physical fixing. Therefore, it does not require any fixing holes or sacrificial sockets.

1.2m extension flute is designed to suit steel beams to a max height of 1000mm by APAC.



TG I BEAM CLAMP SYSTEM

TG I beam clamp system consists of I beam clamps, TG posts 1.9m, TG sliders, and TG mesh barrier 2.6m or 1.3m.

APAC's steel I-beam clamp has screw jacks welded to the body to ensure that it can be adapted to fit I-beams from 100 mm to 310 mm in width.





SAFEDGE SHEET PILE CLAMP SYSTEM

Safedge sheet pile clamp system is used sheet pile clamps to attach the sheet piles. When combined with the safedge posts, and safedge mesh barrier 2.6m or 1.3m offers the best edge protection solution.

The sheet pile clamp is adjustable to fit all standard sheet pile sizes and is impact set for quick application.





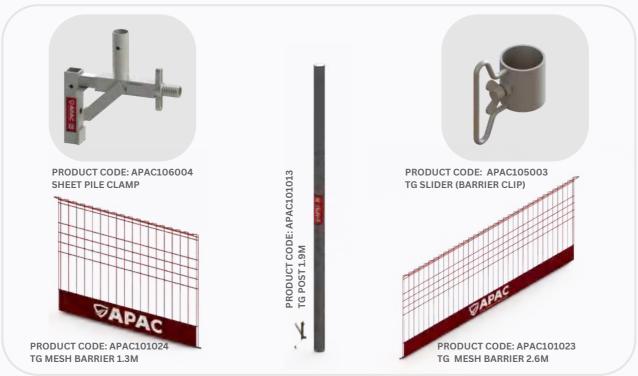


TG SHEET PILE CLAMP SYSTEM

The sheet pile clamp has screw jacks welded to the body to ensure that it can be adapted to fit all standard sheet pile sizes in the market.

TG sheet pile clamp system combines with sheet pile clamps which fixed the sheet piles, TG posts 1.9m or 1.3m, TG sliders, and TG Mesh barrier 2.6m or TG mesh barrier 1.3m.



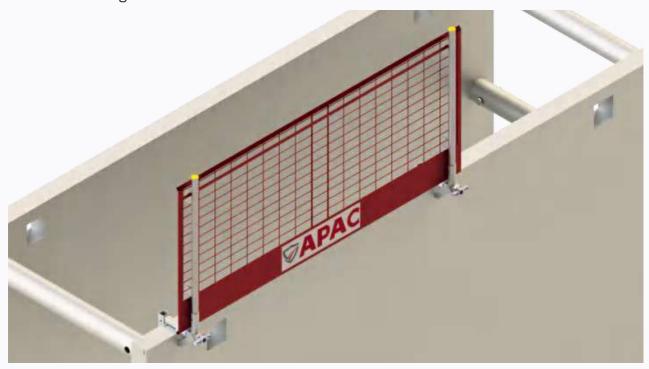




SAFEDGE TRENCH GUARD SYSTEM

The sheet pile clamp is also available for trench boxes, it has screw jacks welded to the body to ensure that it can be adapted to fit trench boxes from 1mm to 160mm in width.

Combined with APAC safedge post 1.2m, safedge mesh barrier 2.6m, or safedge mesh barrier 1.3m, Safedge trench guard system offers the best fall protection solutions for excavation and groundworks.









PRODUCT CODE: APAC101004 SAFEDGE MESH BARRIER 1.3M

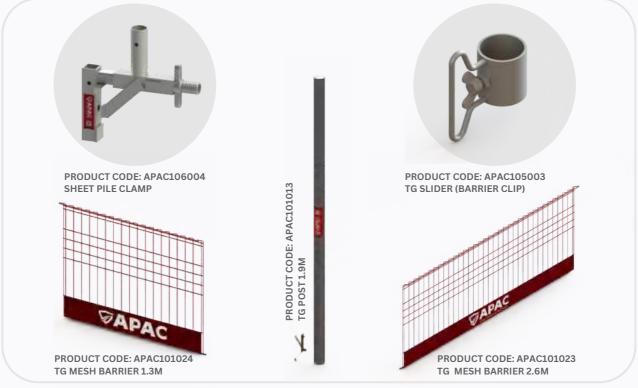


TG TRENCH GUARD SYSTEM

TG trench guard system is another option for fall protection for excavation and groundwork.

Thanks to the multi-purpose mechanism design of the sheet pile clamp, it can be easily fixed on trench boxes with a maximum thickness of 160 mm.





SLAB GRAB GUARDRAIL SYSTEM

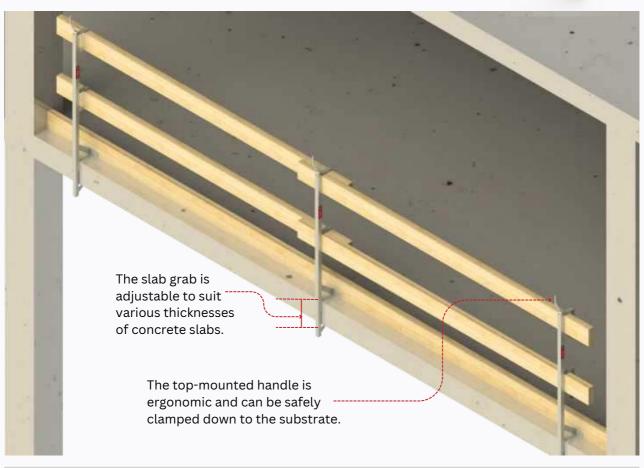
The Slab Grabber for the Guardrail System is made from Q235 steel material with a powder-coated or galvanized surface treatment. The Slab Grabber can be adjusted to fit concrete beams from 3" to 36" thick.

Allowable spacing between Slab Grabbers is 2.4m handrails and toe boards for the slab grab guardrail system are 2×4 or 2×6 construction-grade timber. The top rail must be 42'' (+/- 3'') above the working surface following OSHA standards.

For the installation, slab grabbers must be installed flush with the substrate and must allow the guardrail posts to be positioned vertically to the work surface. Qualified personnel must consider the concrete substrate compatible with the Slab Grabber.



Product Code: APAC101009 Slab Grab



SAFETY NET FAN SYSTEM

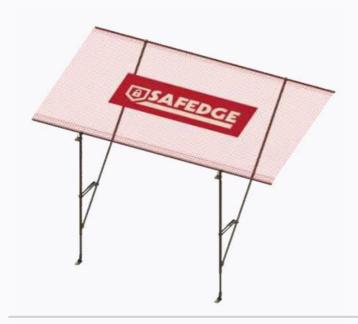


The SAFEDGE Safety Net Fan is a collective slab edge protection system for building construction to prevent or limit the fall of people and materials from height.

The elasticity of the system means that if the net receives an impact, it forms a collection bag around the trapped mass, reducing the impact of the fall and preventing it from falling outside the system.

Components:

- Top Bracket
- Bottom Bracket
- Lock Bracket
- Telescopic Post
- Debris Net 3.1 x 6 m
- Swivel Coupler
- Double Coupler
- Horizontal Tube 4.0, 6.0m
- Brace Tube 4.50m



We developed the Safedge Safety Net Fan to protect workers and the public from the risk of falling objects on construction sites.

Made of high-tensile polypropylene and without knots, our nets are a new concept in safety netting.

The Safedge Safety Net Fan fixes various building shapes, facades, and wind-exposed structures. The frames are designed to British, EN, and American standards.



Product code: APAC101001
SOCKET BASE



Product code: APAC101002
SAFEDGE POST 1.2M



Product code: APAC101003
SAFEDGE MESH BARRIER
2.6M

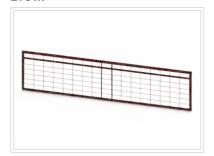


Product code: APAC101004
SAFEDGE MESH BARRIER
1.3M



Product code: APAC101005

SAFEDGE EXTENSION POST



Product code: APAC101006
SAFEDGE EXTENSION
MESH BARRIER 2.6M



Product code: APAC101007
SAFEDGE EXTENSION
MESH BARRIER 1.3M



Product code: APAC101008

MULTI SLAB CLAMP



Product code: APAC101009
SLAB GRAB



Product code: APAC101010
TG FOOT



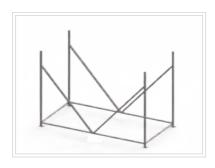
Product code: APAC101011
TG EDGE BRACKET



Product code: APAC101012
TG POST 1.3M



Product code: APAC1010013
TG POST 1.9M



Product code: APAC101014

SIMPLE PACKING BARRIER
CRATE



Product code: APAC101015
STANDARD BARRIER CRATE



Product code: APAC101016
POST CRATE



Product code: APAC101017
BOX CRATE



Product code: APAC101018
STAIR CLAMP



Product code: APAC101019
M16 ANCHOR



Product code: APAC101020

DOUBLE THREADED M16



Product code: APAC101021
MULTI FOOT



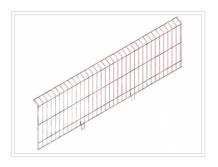
Product code: APAC101022
BRICK GUARD



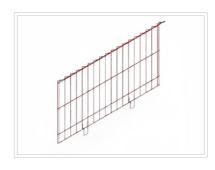
Product code: APAC101023
TG MESH BARRIER 2.6M



Product code: APAC101024
TG MESH BARRIER 1.3M



Product code: APAC101025
TG MAKE UP MESH
BARRIER 2.6M



Product code: APAC101026
TG MAKE UP MESH
BARRIER 1.3M



APAC101027 M12×75 APAC101028 M12×90 APAC101029 M12×100 APAC101030 M12×120



Product code: APAC101031
WALKWAY FOOTPLATE



Product code: APAC101032
ADJUSTABLE SLAB EDGE
BRACKET



Product code: APAC101033
SAFEDGE MESH BARRIER
2.9M



Product code: APAC102011
COMPRESSION POST



Product code: APAC102012
COMPRESSION POST XL



Product code: APAC102013

COMPRESSION POST CRATE



Product code: APAC102050
WEDGE COUPLER



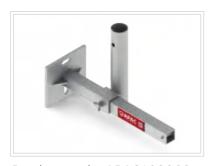
Product code: APAC102060

COMPRESSION POST

BARRIER CLIP



Product code: APAC103001
STEEL I-BEAM CLAMP



Product code: APAC103002 STEEL I-BEAM FACADE BRACKET



Product code: APAC103003

EXTENSION FLUTE 1.2M



Product code: APAC103004

BARRIER BRACKET 360



Product code:APAC105001
SAFEDGE STAIR MESH
BARRIER



Product code:APAC105003
TG SLIDER



Product code:APAC105004
ADJUSTABLE LINK BAR
0.6-0.8 M



Product code:APAC105005

ADJUSTABLE LINK BAR

0.9-1.5 M



Product code:APAC105006
ADJUSTABLE LINK BAR
1.5-2.5 M



Product code:APAC105007

ADJUSTABLE LINK BAR
2.4-3.5 M



Product code: APAC106001
ALUMINIUM BEAM CLAMP



Product code: APAC106002
H20 TIMBER BEAM CLAMP



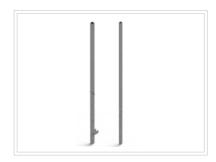
Product code: APAC106003
PRIMARY H20 BEAM
SOCKET



Product code: APAC106004
SHEET PILE CLAMP



Product code: APAC108001
CATCHFAN TOP BRACKET



Product code: APAC108002
TELESCOPIC POST



Product code: APAC108003

CATCHFAN LOCK BRACE



Product code: APAC108004
CATCHFAN BOTTOM
BRACKET



Product code: APAC108005
CATCHFAN HORIZONTAL
TUBE 4M



Product code: APAC108006
CATCHFAN HORIZONTAL
TUBE 6M



Product code: APAC108007
CATCHFAN BRACE TUBE
4.5M



Product code: APAC108008
RIGHT ANGLE COUPLER



Product code: APAC108009

SWIVEL COUPLER



Product code: APAC108010
4.0M X 3.1M DEBRIS NET



Product code: APAC108011
6.0M X 3.1M DEBRIS NET





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