



**COMMERCIAL
CONSTRUCTION
SAFETY**



ASHMIC GROUP

The Ashmic Steel Group design, manufacture, supply and install innovative Scaffolding, Safety Edge Barriers and Safety Construction net frame.

The Ashmic Steel Group manufacturing and engineering design expertise are well-positioned to respond to the needs of the constructor.

More importantly the designs are made with high strength to sustain heavy capacity. We produce state of the art products to achieve the highest quality standard.

Our products are made according to the British standard BS EN 12811-1:2003, BS EN 13374, BS 1263-1.

The Ashmic Steel Group is well recognised within the industry. With our advanced factory base in China, we are able to support any type of design structure and quantity to serve globally.



MISSION AND VISION

The Ashmic Steel Group has built up a strong reputation and relationship with new and existing clients all over the world.

Our aim is to maintain the highest standard and service line to all our customers.

We are here to grow with our clients and achieve multi level commitments internationally.

In everything we do, our mind set is that the customer comes first and has always been our priority.



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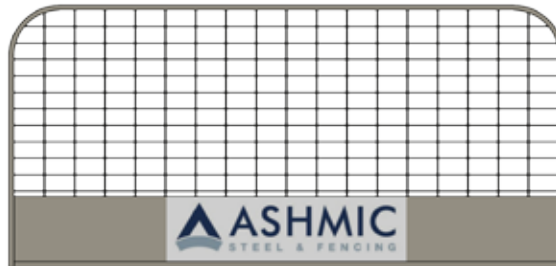
SAFETY EDGE BARRIER

ASHMIC edge barrier products are tested by third Party BV and SGS house, and have been proven to meet and exceed the requirements set out in BS EN 12274:2013.

The robust design insures that the system not only meets but exceeds all global safety standards.

The edge barrier has been engineered with longevity in mind.

HEIGHT: 1068mm
LENGTH: 2900mm



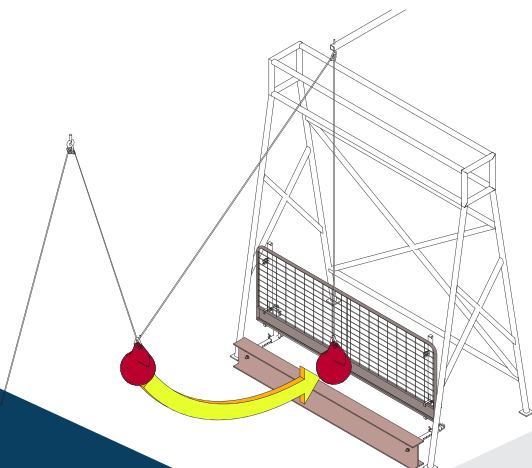
HEIGHT: 1068mm
LENGTH: 1400mm



LOAD BEARING TEST

Our panels are tested to pass a low dynamic impact test using a specifically designed triangle test rig and impact sphere.

The sphere ball is launched at a 45 degree angle towards the barriers. This test applies impact energy of 0.5KJ to the top rail and 1.1KJ to the lower areas.



With our new palletizing design in place it can be used to load different types of edge barrier sizes. This will provide extra protection during trans-ship and are properly wrapped to ensure the product is in perfect condition when the container doors open.

ADJUSTABLE CONCRETE FRAME POST

A new approach to working safely at height.

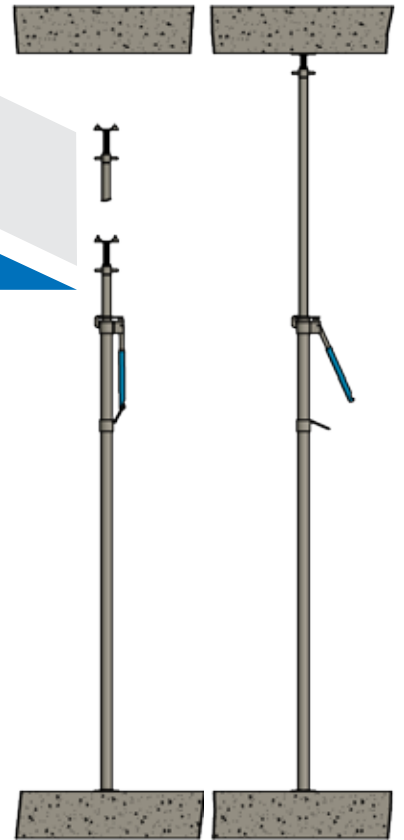
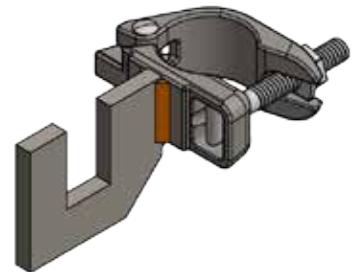
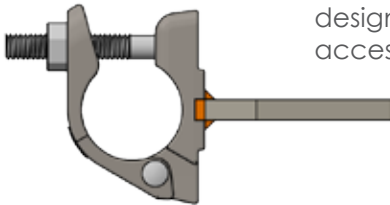
Our innovative team working with ASHMIC Group, has come up with an ideal design to provide ease of installation and overall performance, it has become a default safety solution for many companies around the world.

THE UNIQUE FRAME POST OFFERS SIGNIFICANT SAVINGS IN TIME AND LABOUR.

- Five times faster than traditional drill and fix systems
- NO drill or punching holes
- Minimal training required
- Fully compliant with BS EN 13374:2013
- Left NO marks on the concrete surface
- Our post can extend up to 4.0 meters high to exceed exceptional extension
- We can supply single, double or full height edge protection to suit each respective project
- Extended height barriers will require extra clampings

OUR CLAMP & LATCH

Use our unique in house design Clamps to the post design for extended height. With our latching accessories in place for full height edge protection.



Our post can be shipped on multi purpose built stackable transportation pallets and are properly wrapped to ensure the product is in pristine condition on arrival.

UNIQUE POST DESIGN

TWO WAY POST STAND

The Two Way Post Stand has been fully tested and proven to exceed global safety standards for Edge Protection / Fall Prevention.

- Installed in just minutes with two anchor bolts
- Available in standard and dual height options
- Powder coated finish
- Galvanised finish

SPECIAL BRACKET

A unique solution for face mounting to most brackets.

Like all other ASHMIC installations, the brackets can be adjusted to suit the different construction design. With both vertical and horizontal adjustment, the solution speak for itself.

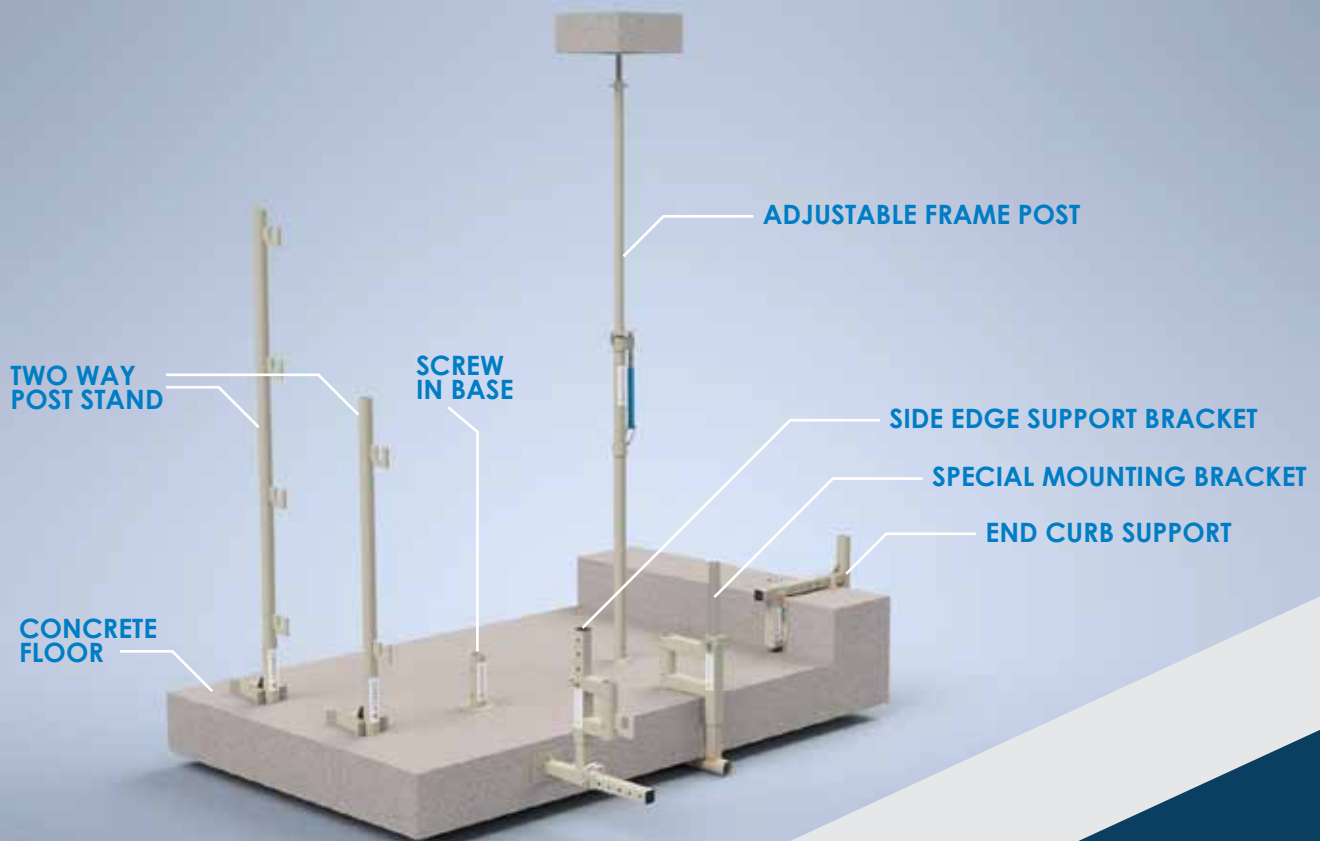
SCREW IN CONCRETE BASE

The concrete base plated can be installed on any concrete surface either at a pre-cast stage using inserts, or by drilling and installing later.

END CURB SUPPORT

This simple but very robust solution uses the standard support post and has been tested to the safety standards.

- Robust tensioning
- Play around a flexible adjustment range 150mm - 560mm
- Allows fixing to solve issue in areas including bridge work beams



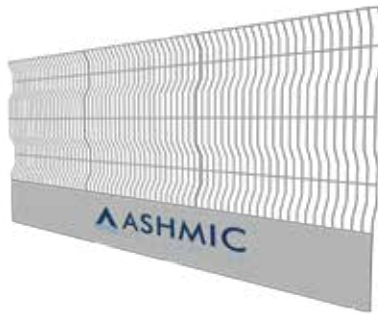
GUARD BARRIER

Protect work personnel from open excavations and falling debris

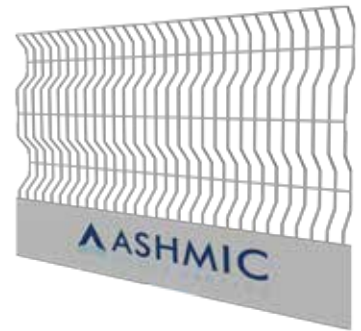
- The guard barrier conforms to the latest temporary edge protection according to the standard BS EN 13374.
- The guard barrier has a electro weld on bottom toe board to prevent debris from falling onto operatives working below.
- Our guard barriers can be customised to any requirement.
- Lightweight for ease of use by site operatives and quick installation when used in conjunction with our post and clamps.

Some of our standard panel design below:

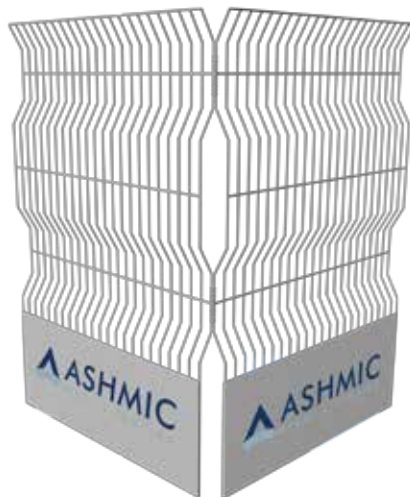
WEIGHT: 18kg
HEIGHT: 1160mm
LENGTH: 2705mm



WEIGHT: 16kg
HEIGHT: 1160mm
LENGTH: 2245mm



WEIGHT: 12kg
HEIGHT: 1160mm
LENGTH & WIDTH: 775mm



Base plated



Plain post

SAFETY NET

Tested and proven to perform over the requirements laid down in both British and EU standards.

We outsource our safety net from our certified third party company which comes with 70 x 70mm mesh and 20mm x 20mm overlapping net as our most common supply which has been proven to sustain continuously 2 x falls of 100kg from a height of 7m.

The elasticity of the net, together with a unique bend of the frame, ensures that the impact of a fall is absorbed, considerably decreasing the risk of injury. The design is done this way so it fully utilizes the catch strength.

THE MOST USER-FRIENDLY NET SYSTEM AVAILABLE FOR THE CONSTRUCTION INDUSTRY

Safety Frame is designed and packaged with a marriage combination to fulfil all your debris net and fall arrest. The system has four options which between them fully protect all of your projects.



Our 2 common ways of packaging and transportation.

- Bolt in and compression bulk load with more loading quantities
- Individual set palletizing which will obviously take up more space during tranship. Less loading quantities.

STEEL FRAME SOLUTIONS

WE ARE A LEADING SUPPLIER OF MANY SOLUTIONS FOR FIXING TO STEEL STRUCTURES

STEEL STRUCTURES

Where conditions allow, the ASHMIC edge protection system can be installed at ground level and lifted with a crane to a proposed height floor.

The fixing system ensures the barriers are suitable for all following works.

- The most efficient edge protection system available today with fixing available.
- Single or extended height edge protection for full enclosure.
- Edge protection barriers in many sizes to accommodate any project.
- Barriers are incredibly light but rigid, allowing edge protection for all leading edge.
- Flexible components allowing more flexibility during installation.

ASHMIC Group Steel Frame Solutions consist of 3 main components.

1. **Webfix bracket:** incremental indexing facility to cater for overhangs.
2. **I –Beam clamp:** Single fixing and able to be fitted to any hot rolled beam or column with horizontal clearance to cope with virtually all slab overhangs on un-drilled fabricated steel work.
3. **Outside welded sockets:** Prefabricated to work in conjunction with standard Steel Frame System.



WEBFIX BRACKET

The most popular method of fixing to the steel frame is by utilising the web fix bracket. The bracket offers a vertical and horizontal movement and positioning of the fixing holes for the bracket would be properly designed by our technical team or client proposal drawing.

Web Fix Extension Brackets increase the capabilities of the standard range from 560mm out to 1300mm.

OUTSIDE WELD SOCKET

The **Weld Socket** system is commonly used on steel frames and requires the steelwork contractor to weld the socket to the perimeter beam.

Years of experience and design, Our steel frame support post and panel combination with installation that can be carried out safely and quickly.



I BEAM CLAMP

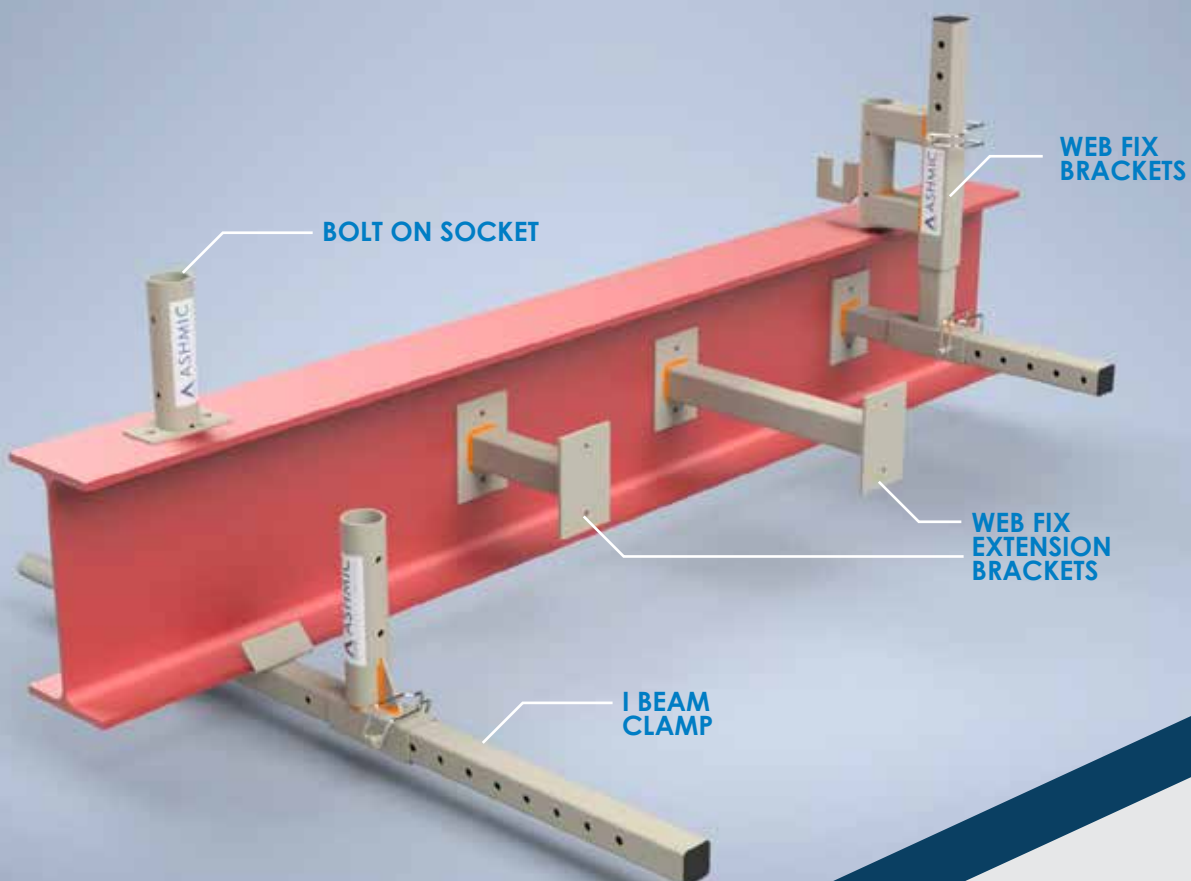
The clamp solution is generally used for areas where web fix or sockets are not suitable.

Utilising the standard **ASHMIC Barrier Panels and Support Posts**, the system provides ease installation and is fully compliant with global safety standards.

BOLT ON SOCKET

The **Bolt On Socket** system is commonly used on steel frames and requires the steelwork contractor to bolt the socket to the top of the perimeter beam.

Utilising the steel frame support post and **ASHMIC Panel**, the installation can be carried out safely on the ground.



STAIRCASE SOLUTIONS

OFFERING PROTECTION TO ALL CONFIGURATIONS OF STAIRWELLS

We have many stair design rail systems with debris guards that can provide fall protection to the most challenging areas.

With our straightforward safe fittings, the stair handrail can be installed quickly with a drill and pre-cast sockets or clamping.



STAIR RAIL CONNECTOR BRACKET

The **Stair Rail Connector Bracket** can be quickly installed on any ASHMIC post with adjustable height.



STAIR RAIL HANDRAILS

Handrails come in many variety lengths from 280mm - 3000mm.

POSTS

The regular stairwell post has standard fitting on a single side and the right and left posts have fittings facing out.



HANDRAILS

We have a selection of **Handrails** spanning from 280mm to 3000mm to cope with any configuration.

With extra protection requirements, most of the **ASHMIC** stair system can be upgraded with **Guard Barriers** which come with a range of supporting brackets.

The **Bolt In Concrete Base** can be installed on any concrete stair, either at a precast stage using inserts, or by drilling and installing at a later date.



ELEVATOR PROTECTION

OFFERING A WHOLE NEW APPROACH TO LIFT SHAFT SAFETY

Unlike any other system available to the construction Industry, the unique pedestrian **ASHMIC Lift Shaft Access Gate** offers protection to multiple openings.

The solution utilises light and extremely user friendly components and features with an anti tempered key locking gate. Our **ASHMIC** components are suitable to suit the innovative **ASHMIC Post and Panel** which are used to secure the area perimeter that requires safety coverage.

With all **ASHMIC** components, the **ASHMIC Lift Shaft Gate** has been made according to the BS EN 13374:2013.

Using standard **ASHMIC** components, in conjunction with a **ASHMIC Elevator Gate**, a secure compound can be built to protect valuables and control access.



TEMPORARY FENCING & SUPPORT

OUR ASHMIC TEMPORARY FENCING PRODUCT CAN BE SUPPLIED QUICKLY AND EFFECTIVELY TO ASSIST WITH A FEW NUMBER OF SITE DEMANDS.

STEEL STRUCTURES

Ensure your site visitors and operatives are safely directed away from potential hazard areas by utilising the simplistic pedestrian directional barrier solution.

Quick and easy to use, the solution can be installed in minutes by assembling just three standard components.

STEEL STRUCTURES

Utilising our standing components, safe compounds for use as storage areas can be created in just minutes.

Our base support with **ASHMIC** temporary panel solution can be installed quickly and easily by attaching the multi purpose designed bracket to the flexible Hi-Vis Footplate. On a separate option the panels can be coated in bright colors to provide extra visibility during the night shift works.

Our temporary fence protection systems give support from weighted components fixed to additional supporting systems which can be positioned on flat surfaces within 2 meters of the work area.

Like all **ASHMIC** systems, the temporary fence solution has been tested and has been proven to meet the requirements for the standard BS EN 13374: 2013.



TEMPORARY FENCING SOLUTIONS – FOOTPLATE

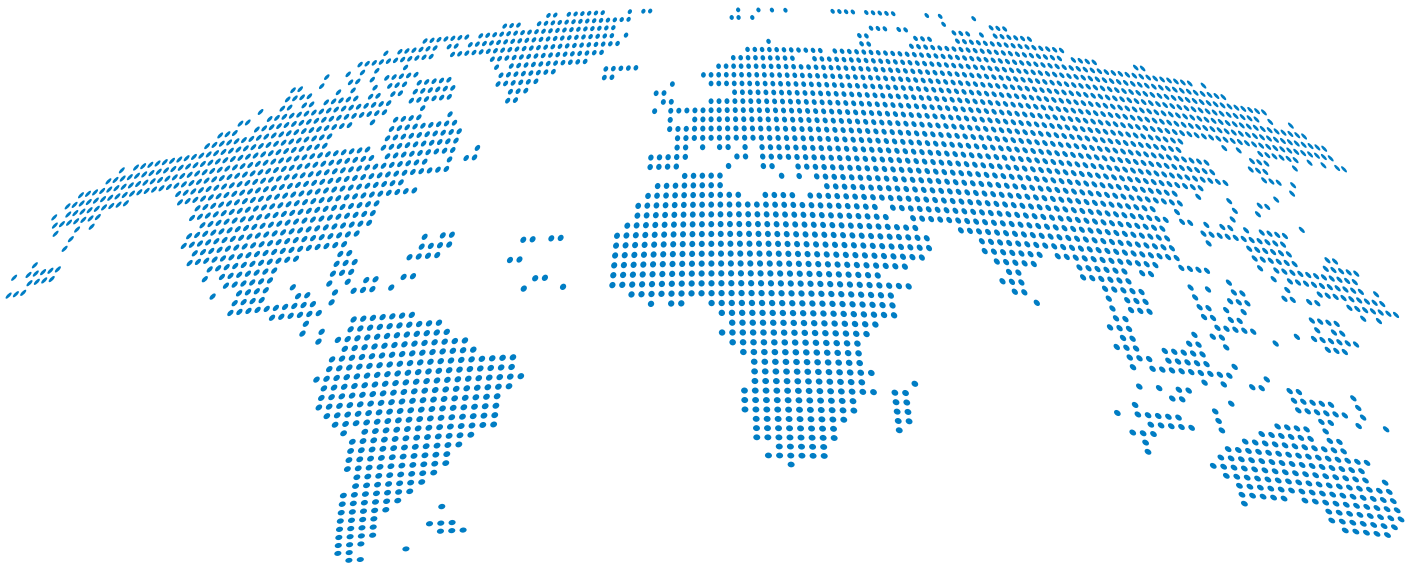
Utilising the Hi-Vis Footplate and Standard Support Post, our unique triangle shape base footing provides protection and Fall Prevention and also minimizes personal from tripping over.

Suitable ballast or concrete blocks would need to be secured to the HI-Vis Footplate.

FREE STANDING SOLUTIONS – BRACKET

With the **Bracket** and blocks in place, you can consider **ASHMIC** temporary fencing solution into a Class A Edge protection





MALAYSIA | CHINA | SOUTH EAST ASIA | AUSTRALIA | AMERICAS | EUROPE | MIDDLE EAST

ASHMIC STEEL AND FENCING

ADDRESS : B-5-8 PLAZA MONT KIARA, MONT KIARA, 50480 KUALA LUMPUR

OFFICE : +603 2726 2777 FAX: +603 2726 2778

EMAIL : info@ashmicfence.com

WWW.ASHMICFENCE.COM