



PEAK
CORPORATION CO.,LTD
STORAGE | SOLUTION | DESIGN | SERVICE



INNOVATION POST PROTECTOR & SAFETY BARRIER RANGE

Product brochure
www.peakcorp.co.th

PEAK

CORPORATION CO.,LTD

STORAGE SOLUTION DESIGN SERVICE



www.peakcorp.co.th

PEAK CORPORATION CO.,LTD

31 Soi Nakilaleamthong 18 , Thapchang, Sapansung
Bangkok 10250

Tel : 02-120 4259 Fax: Press 1

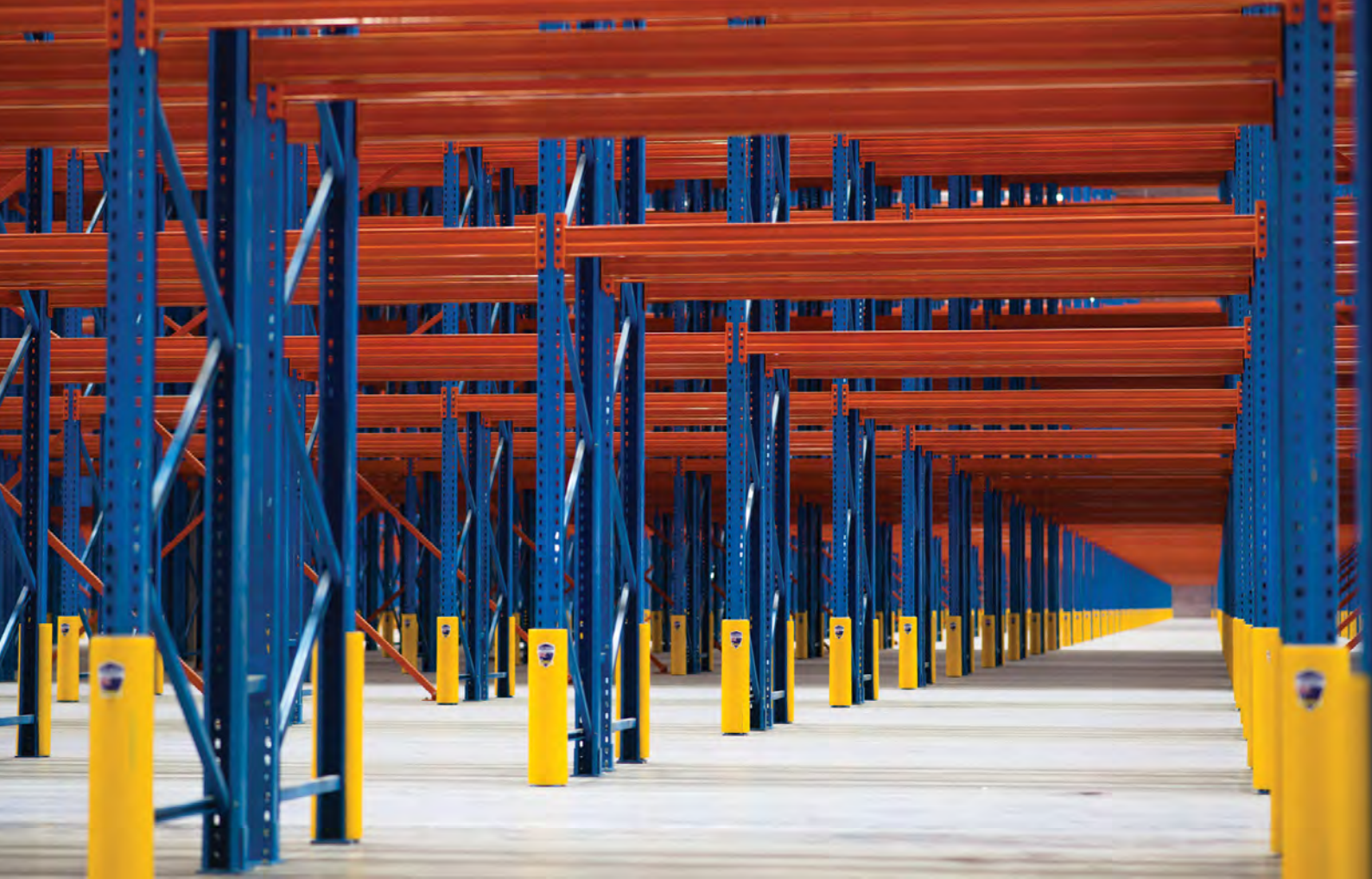
Hot line : 063-556 1591, 064-996 1982
063-916 1591 , 095-494 2516

Email : info@peakcorp.co.th

“

**We was established for international
safety equipment brands importer.**

”



Rack Armour Ltd has over 40 years experience in the material handling industry. In this time we have perfected the art of pallet racking protection and safety through our innovative product range.

After 10 years we've gone on to sell our products in over 130 countries, manufacture on 3 continents and eliminate the need for countless racking repairs and fatalities, some would say that's mission accomplished? We say it's only the start ...

Rack Armour's vision and dedication saw its first product, the Rack Armour upright protector be an instant hit.

A pioneering blend of a hard wearing plastic outer shell and impact diffusing foam inner saw Rack Armour catch the eye of the industry's biggest **FMCG** companies whom still use the product to this day.

Since then Rack Armour have gone on to develop and continue to develop pioneering products that create a safer working environment for employees whilst reducing costs for employers.

Rack Armour Upright Protection

Rack Armour has been a global success for over a decade. Its innovative design and functionality has revolutionised racking protection and provides a proven 80% reduction in damage levels.

- Made from ballistics grade plastic meaning it is able to deflect impact in most cases.
- When a direct impact occurs and cannot be deflected by the outer shell, the interior foam absorbs the impact energy until it's diffused.
- Its tight fit ensures that Rack Armour can't be knocked off whilst pallets are retrieved.
- Hi-visibility colour clearly gives safe working boundaries for MHE drivers.



The Rack Armour Upright Protection Range



Rack Armour Eco Rack

Make the right kind of impact on your racking

We at Rack Armour are well aware of our responsibilities as manufacturers to keep our carbon footprint low, and from that, we have made the decision to offer our customers a guard in reprocessed polymer - the Eco Rack guard.

In this modern age we are aware of the effects of waste and the need to recycle whether it is in our homes or business.

Recycling reduces the need for extracting (mining, quarrying and logging), refining and processing raw materials, all of which create substantial air and water pollution.

If used materials are not recycled, new products are made by extracting fresh, raw material from the Earth, through mining and forestry.

Recycling helps conserve important raw materials and protects natural habitats for the future.

Because recycling saves energy, it also reduces greenhouse gas emissions, helping to tackle climate change.

How good is this, we are asked?

Grades of reprocessed polymer when mixed with a small amount of virgin material is so good these days, that the automotive industry uses these reprocessed plastics for under bonnet parts and even for interior mouldings.

The Eco Rack is equally as light and versatile as the Rack Armour guard, and as well as being lower in price than the original product, is just as cost effective, by reducing racking damage and saving you time, effort and money. It is safety yellow in colour, so fits in with current warehouse products. Do your bit for our planet and convert to the Eco Rack guard.



Fully Tested

Rack Armour has been rigorously tested to meet and exceed European Standards.

The testing procedures include replicating a forklift truck weighing 2 tons travelling at 1.8 meters per second, which simulates an impact to the racking with a force of 21.6 kilo newtons (2.4 ton).

With Rack Armour fitted, the 3mm buckle is prevented after 8 hits in exactly the same spot. With no protection in place, the upright was damaged and buckled after just one hit.

Did you know?
Rack Armour is now over a decade old! The very first guards we produced are still being used to give protection to this day.

Foam interior diffuses impact energy to protect uprights

HDPE tough outer shell deflects impacts and shields upright from damage.

Fits all makes and models of pallet racking

Bright colour aids detection for MHE drivers

There are many benefits of using Rack Armour

- It reduces racking damage by as much as 80% - saving you time, money and hassle.
- The 'persistence of shape' ensures a long and effective lifetime service.
- Quick and easy installation as no fixings are required - can together be fitted in seconds.
- Fits all makes of pallet racking and is transferable.
- High visibility colour helps with warehouse safety.
- Materials are non-toxic and fully recyclable.
- Impervious to moisture, mould growth, corrosion, acid, alkaline & most solvents.
- Can be used at temperatures down to - 40 degrees centigrade.

Rack Armour Barrier Range

New to the Rack Armour family, our barrier range is made from the same components as the industry leading Rack Armour upright protector, giving it the same impact and absorption qualities on a larger scale. Benefits to our barriers include:

Colour/Detection

Standard metal systems are often a drab and dull metallic colour making them almost unnoticeable to warehouse staff. Rack Armour barriers are a striking high visibility yellow, making them detectable to mechanical handling equipment operators, this in the first instance helps stop impacts from occurring at all.

Minimal Floor Damage

A standard metal barrier has no absorption qualities, this means that all the impact energy from collisions transfer straight down to the expensive concrete floor.

This in most cases leaves you with not only a damaged barrier that needs replacing, but also a crumbled floor that needs relaying can be extremely expensive and time consuming work. A Rack Armour barrier flexes and absorbs impact energy through its unique foam interior, eliminating any transferable energy away from your floor, in turn saving you thousands in repair costs.

Absorption

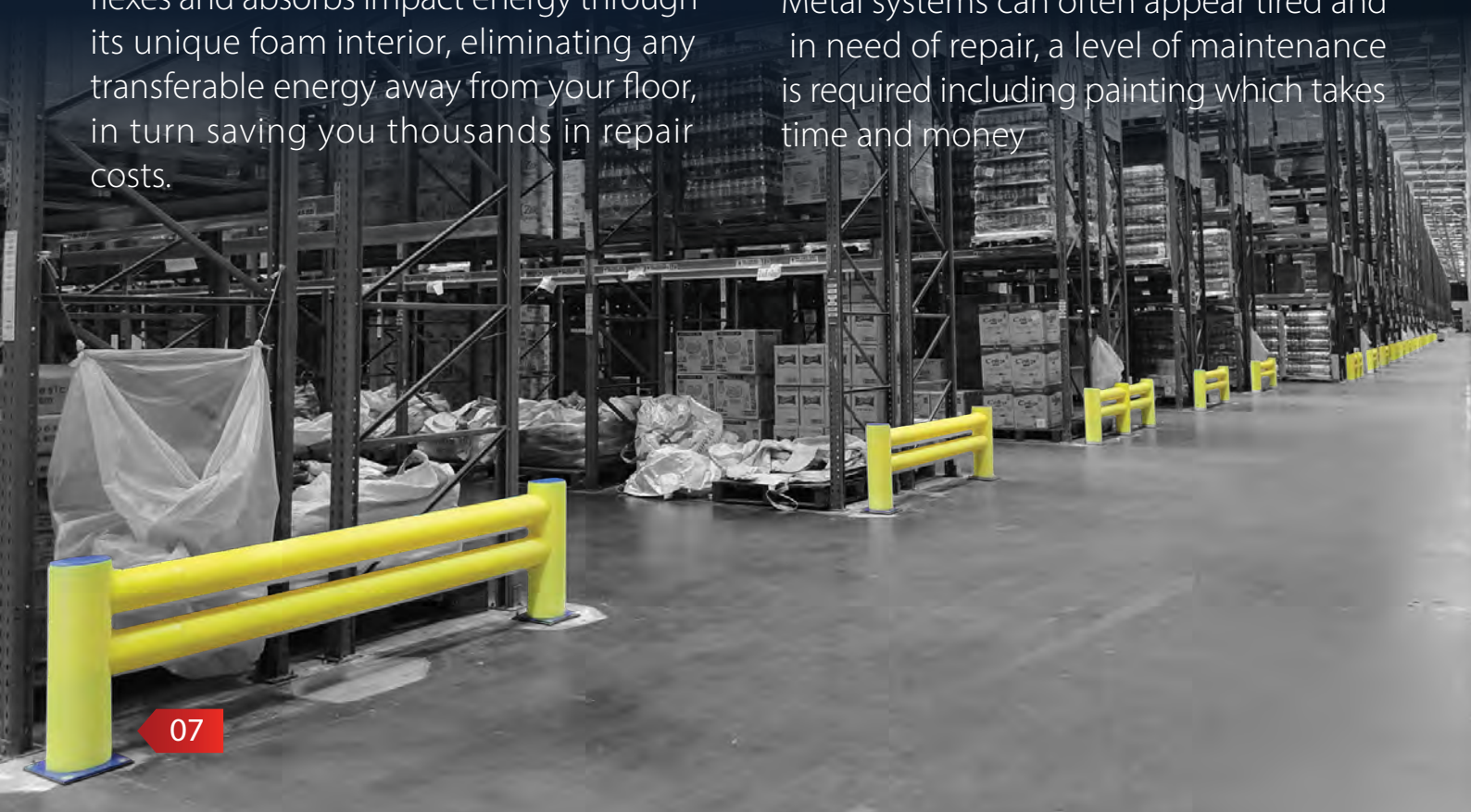
Rack Armour barriers use the same unique foam diffuser as in the upright protector, helping to diffuse impact energy whilst a collision takes place.

Strength

Rack Armour barriers flex and absorb impacts which would render metal systems useless. They have a unique feature which enables the product to reform to its original shape after impact, giving you a product which can concede impacts all day every day and look like it's been untouched hours later.

No Painting

Rack Armour barriers are made from a solid high visibility plastic, this gives our barriers a clean and tidy appearance even after years of service and numerous impacts. Metal systems can often appear tired and in need of repair, a level of maintenance is required including painting which takes time and money



End of Aisle Barriers

When there is an impact on old-fashioned metal barriers it doesn't take long until they bend, break and begin to rip up the floor fixings. The repainting required once they get damaged can also be painstaking. The Rack Armour barriers are made from a flexible HDPE polymer with a foam diffuser, meaning they absorb impacts and can take multiple hits without becoming dented or damaged.



Single Rail Barrier

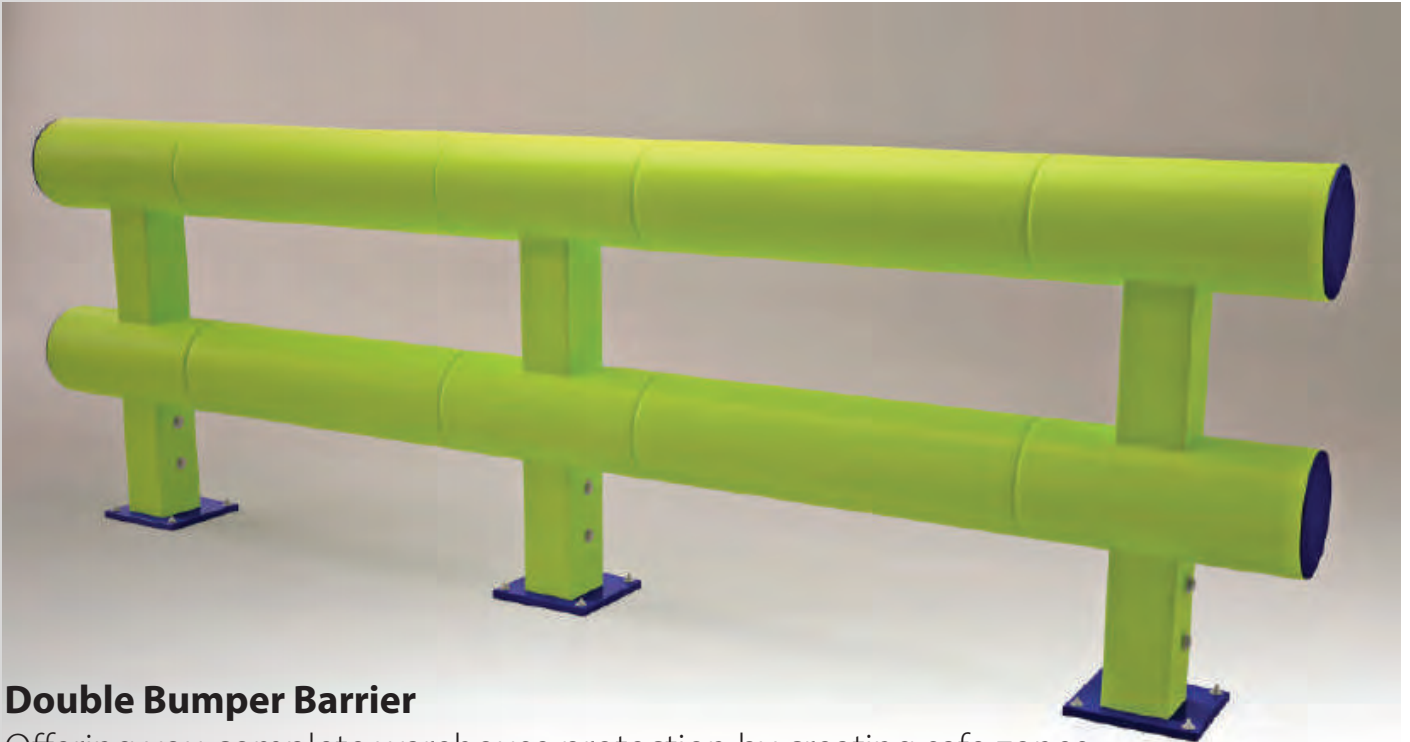
A perfect blend of strength, visibility and durability. Standing at 320mm high, it's an all-round solution as it can take multiple impacts whilst reforming to its original shape.



Double Rail Barrier

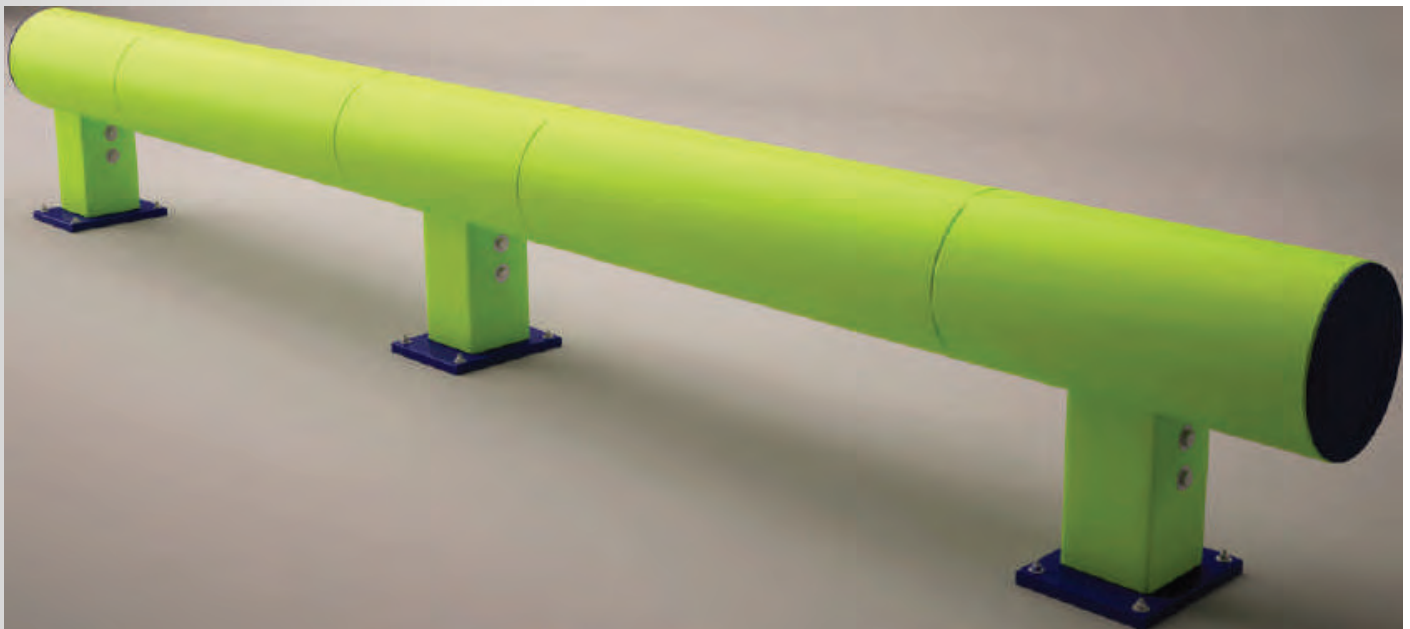
This barrier has been designed with vision in mind, standing at an elevated 620mm high. This gives your rack ends solid protection whilst also being a highly visible indicator to those operating MHE - meaning impacts are often avoided.

Bumper Barriers



Double Bumper Barrier

Offering you complete warehouse protection by creating safe zones of highly visible barrier systems. Standing at 600mm tall, this is the ideal solution if you feel you need extra protection.



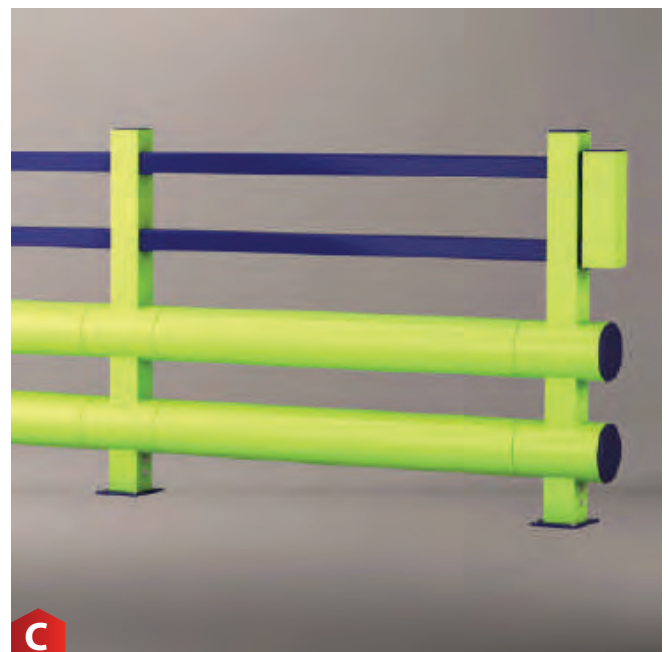
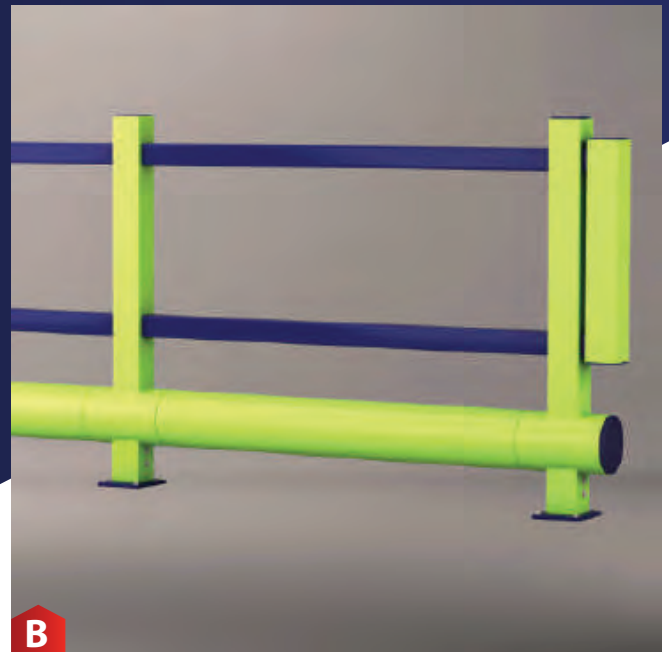
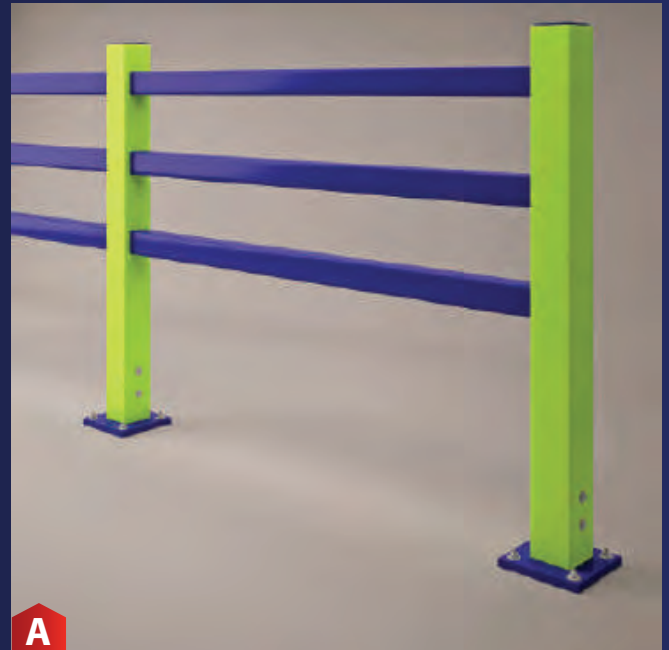
Single Bumper Barrier

The single bumper barrier is a low level barrier at 310mm tall, which is given strength from its multiple legs anchored to the ground. This barrier is our most popular design giving users the right amount of visibility and strength whilst maximising space.

Pedestrian Barriers

Rack Armour Pedestrian Barriers have been designed with both safety and segregation in mind. They are ideal for highlighting safe pedestrian areas, and as well as the standard high visibility and blue colour, they also come in a colourfast and grey option, more suitable for barriers being placed outdoors.

- Length is made to order
- Combinations of different bumper pedestrian barriers can be used where FLT impacts are more likely to occur
- The cylindrical barrier section increases flexibility whilst providing a deflection element to keep accidents away from vulnerable areas
- All are compatible with the Rack Armour gate system which can be inserted within the vertical posts of the barriers



A Standard Pedestrian Barrier The original standard Pedestrian Barrier is available with either two or three rails.

B Single Bumper Pedestrian Barrier Where there is a higher chance of collision, the Single Rail, taken from the Bumper Barrier range adds the extra deflection and strength to increase the level of safety.

C Double Bumper Pedestrian Barrier Where pedestrians and MHE will frequently pass each other, there is no better protection than the Double Pedestrian Barrier. Easy to see and hard to breach, this is the ultimate in warehouse protection and segregation.

Bollards & Gates

D Warehouse Bollard

The bollard is a cost effective solution to protect corners and structures with minimal space intrusion. Made from tough HPDE, Rack Armour bollards are able to take multiple hits and simply reform after impact.



D

E Gate

Add this high quality gate to any pedestrian barrier system to create a safe and easy to use pedestrian access. The gateposts are made from high quality steel encapsulated in our super strong HDPE.



E

F Floor Rail

The perfect solution for providing subtle protection at low levels from order pickers. The Rack Armour floor rail is made from our innovative ballistics grade materials, strong enough to take knocks and bumps from MHE. Frequent floor fixings means it is strong and durable and is also ideal for placing behind bays to prevent pallets being hit against walls or racking.



F



PEAK CORPORATION

name is synonymous within the industrial storage equipment industry for its continued mission to improve all aspects of safety associated with racking inspections, racking maintenance and racking protection.



Key Services

Safety Inspections

Our racking inspection service not only gives you an in-depth racking inspection report in line with PUWER Regulations, Thai standards and F.E.M. guidelines, but also it is an easy to understand document, highlighting damaged areas, and comes with a competitive quote for rectification work.

Repairs & Maintenance

Our racking repair and planned maintenance services are truly one of a kind. Designed and utilised by some of the largest retail companies in the world, our maintenance systems are sure to save you time and money on costly racking repairs.

Specialist Equipment

have been designed to absorb and disperse energy from everyday impacts that would render metal systems damaged and in need of repair. These barriers can be utilised in variety of applications, from warehousing to car parks, airports to manufacturing centres.







PEAK

CORPORATION CO.,LTD

STORAGE SOLUTION DESIGN SERVICE

PEAK CORPORATION CO.,LTD

31 Soi Nakilaleamthong 18 , Thapchang, Sapansung
Bangkok 10250

Tel : 02-120 4259 Fax: Press 1

Hot line : 063-556 1591, 064-996 1982

063-916 1591 , 095-494 2516

Email : info@peakcorp.co.th



We was established
for international

safety equipment
brands importer.



www.peakcorp.co.th