

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



Available from :

STORAGE DESIGN LIMITED
Primrose Hill
Cowbridge
South Wales
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Tel: 01446 772614
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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.

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.

Foam interior
diffuses impact
energy to
protect uprights

Bright colour
aids detection
for MHE drivers

Fits all makes
and models of
pallet racking

HDPE tough
outer shell
deflects impacts
and shields
upright from
damage

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.



The UK's leading pallet racking
safety products.



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