

# RACK ARMOUR



Rack Armour is the simple, superior solution to rack damage caused by forklifts and other warehouse operations.

Rack Armour can save you the time, money and trouble associated with racking repairs, replacement and maintenance.



SIMPLE

SUPERIOR

SOLUTION

## The Need For Protection

Most busy warehouse operations suffer from damage being caused to racking by forklifts and other machinery. Damaged racking can lead to destruction and disaster in your workplace but the time and cost involved in continuously repairing and replacing damaged racking can be extremely high and seem never ending. The obvious answer is to prevent damage before it occurs.



All figures are for 2002/3	% of Australian Workforce	% of all Workers Comp claims accepted for more than 1 week off	Number of Workers Comp claims per day	Workers Comp claims per 1000 employees p/a	Number of workplace fatalities 2002/3
Transport	4%	8%	30	31	60
Manufacturing	12%	21%	77	27	27
Mining	1%	1%	5	21	12
Wholesale	5%	5%	17	15	12

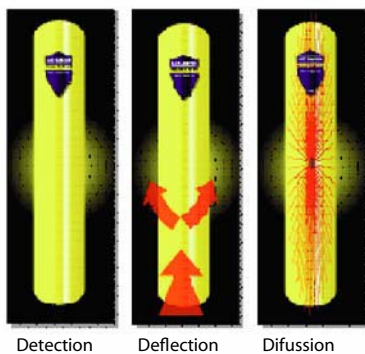
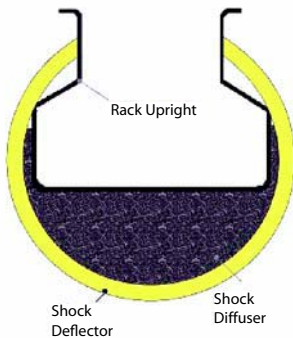
Source : National Occupational Health and Safety Commission

## The Product – Rack Armour

Rack Armour incorporates a patent pending design with state of the art materials to make it unlike any other product on the market.

It's tough outer, or shock deflector, is made from a ballistics grade polymer, similar to that used in bullet proof vests. The ergonomic design is unique in that the curved edges deflect much of the impact away from the rack face. The outer is made from an extremely tough polymer which can withstand significant impact and has persistence of shape to give ongoing protection as the unit reverts back to its original form after impact.

The foam inner, or shock diffuser, has been designed to absorb any residual force of impact. The high density foam has been specially designed for use in Rack Armour. The shock diffuser acts to reduce inertia from any impact and diffuse the force along the whole length of the unit (600mm) rather than being concentrated at the point of impact. Any residual impact is therefore dissipated over a much larger area making it less likely to cause damage to your upright.



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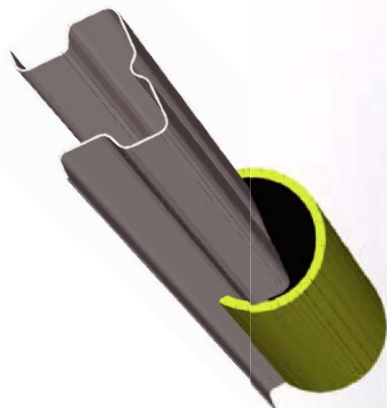
## Features And Benefits

The patent pending design and unique use of materials mean that Rack Armour can provide you with benefits not gained from traditional protection devices.

- Ergonomic design and close fit ensures minimal intrusion into pallet space
- State of the art materials effective down to – 40 degrees – cold store safe
- No fixing or bolts to be ripped off or to damage floors or racking
- Designed to have persistence of shape to ensure ongoing protection
- High visibility yellow as standard with any colour available (subject to min)
- Fully transferable if you have a re-fit or move premises
- Two sizes to ensure Rack Armour will fit all makes and types of racking
- Installs in seconds, simply “clips” onto your existing racking
- Impervious to acid, alkali, mould, rust, flame and most solvents
- Fully tested for front and side impacts



	Independent FEM Testing	Side Impact Protection	Transferable	Rust/Acid/Akali Proof	No fixing or bolts	Effective to -40 degrees	Various colours available
Rack Armour	✓✓	✓	✓	✓	✓	✓	✓
Metal guards	✗	✗	✗	✗	✗	✗	✗
Plastic guards	✗	✗	✓	✗	✗	✗	✗
No guard	✗	✗	✗	✗	✗	✗	✗



## Independent Expert Testing – FEM 10.2.02

- Independent testing by Cardno
- FEM 10.2.02 – highest international standard used (on which AS4084 is based)
- Rack Armour met and exceeded required loads for FRONT and SIDE impacts
- Superior protection for peace of mind
- Comprehensive and independent assessment



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## Don't Take Our Word For It

Rack Armour has already been installed by some of Australia's biggest and best organisations. Our clients include Coles Myer, Coca Cola Amatil, Kraft, OneSteel, DHL, Westgate, Patrick and Linfox Armaguard .

Rack Armour has also achieved significant success overseas and the manufacturers were recently invited to the global headquarters of Walmart in the USA to discuss installing Rack Armour for the world's largest retailer. UK clients include Ikea, Asda-Walmart, Marks & Spencers and many of the country's largest transport companies.

In Australia, Rack Armour continues to impress. Bill Lithgow, Maintenance Manager with Patrick told us why he had installed Rack Armour "The pricing between Rack Armour and steel products is similar, though Rack Armour does a better job". Bill was pleased with Rack Armour's performance and says further installations will be made because "I know that this product will do the job".



## The Cost vs Benefit Analysis

Think Rack Armour will only save you the cost of replacing or repairing an upright when it gets damaged? Maybe a few thousand bucks, right? Think again, what about foot plates, bracing, floor fixings, pallet damage and stock damage? Not to mention indirect costs and time.....

Think about the time it takes to:

- Unload the pallets
- Redistribute pallets elsewhere
- Dismantle beams and remove
- Reassemble the rack
- Restock rack with pallets

Indirect costs might include:

- First aid
- Workers comp/sick pay
- Litigation
- OH&S fines
- Loss of productivity

## Contact Us

For more information on Rack Armour, please visit our website at [www.rackarmour.com.au](http://www.rackarmour.com.au) where you'll find news and updates, special offers, competitions and more.

Email [info@rackarmour.com.au](mailto:info@rackarmour.com.au)



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