



“Protect-a-Rack”
Improve Safety and reduce damage costs ...



Rack damage is a serious problem in warehouses ...

- ➔ Even the best forklift drivers have accidental collisions with racking.
- ➔ Worst case scenario involves a rack collapse
- ➔ Impact damage ...
 - ... weakens the racking structure
 - ... compromising the rack load carrying capacity
 - ... potentially putting both property and life, at risk

“Protect your business and your people
with Protect-a-Rack”



There are two key benefits of using a Rack Protector:

1. Improve OH&S standards

- Minimise risk to human life and property
- Avoid expensive litigation, workers comp/sick pay
- Avoid OH&S fines

2. Save on repair and replacement costs

- Extend the longevity of rack and repair/replace it less often
- Avoid loss of productivity during replacement/repair process

4 Protect-a-RACK models are available

Overview



Protect-a-RACK Standard



- Suitable for normal selective pallet racking with the first beam level above 1050mm
- 800mm high
- Protect-a-Rack also available for rear upright

Protect-a-RACK Low Beam



- Suitable for double deep racking and long span shelving with first beam at 300mm or 375mm
- Protect-a-Rack also available for rear upright
- Comes in two pieces which fit together snugly:
 - Base plate
 - Upright Protector

Protect-a-RACK CLS



- A specially notched version suitable for carton live storage racking with typical shelf levels
- Available for front and rear uprights

Protect-a-RACK Base



- Protect-a-Rack also available for rear upright
- Two available types:
 - Integrated unit combining a baseplate for the rack upright and a low-rise protector
 - Low-rise retrofit unit to suit existing installations

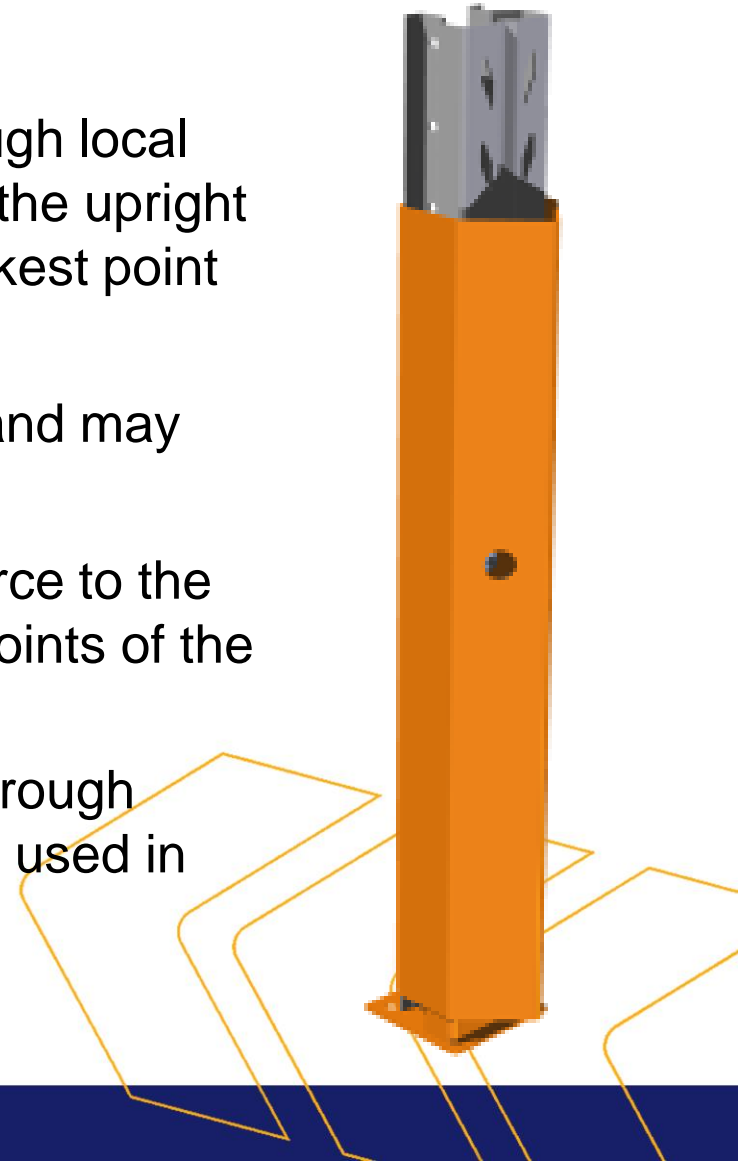
What is the Idea behind Protect-a-Rack?

- › Bolted directly onto the front face of the upright
 - Eliminates need to install additional masonry anchors in the floor
- › Increases impact resistance
- › Transfers forces from an impact to the strongest section of the rack
- › Provides both front and rear protection
- › Extends back past the rear flange providing greater protection, even at brace nodes
- › Prevents damage when removing pallets



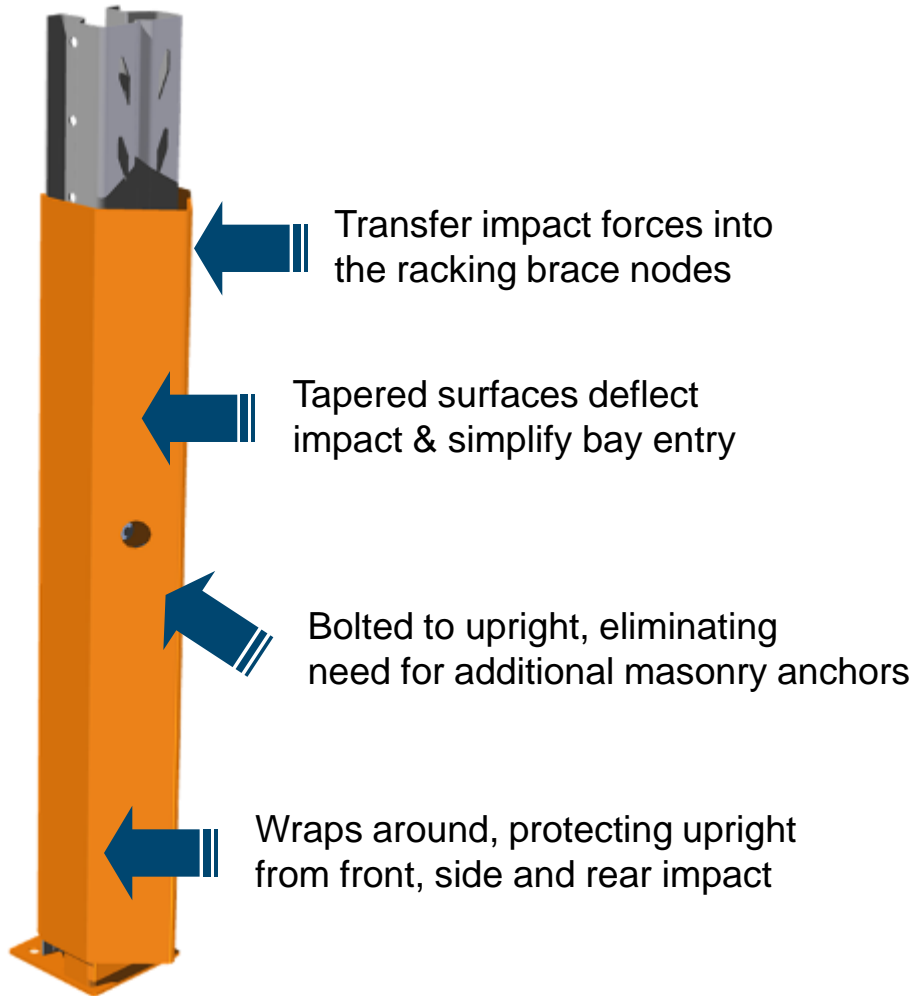
➤ Steel performs better than Plastic

- Plastic protectors “absorb” impact through local deformation. They transfer the force to the upright in that local region, possibly at the weakest point in between brace nodes.
- Plastic protection are easily damaged and may require frequent placement
- Colby’s Protect-a-Rack transfers the force to the brace nodes, which are the *strongest* points of the frame.
- Colby protectors “absorb” the impact through bending, which is exactly the technique used in cars, especially in side impact beams.



Rack protection system boosts warehouse safety

Protect-a-RACK



Rear

Front

Rack protection system boosts warehouse safety

Protect-a-RACK



- Manufactured from heavy duty steel
- Versatile design fits any type of racking
- Simple, fast and cost effective installation
- Streamlined design maximises clear bay entry
- Certified and patented design

Designed to be fitted to just about every type of rack upright, including those of other manufacturers.



Customers about Protect-a-Rack



"To improve OH&S and reduce on-going rack maintenance costs, we trialed a couple of rack protection systems in our warehouse. Our forklift operators expressed a strong preference for the Colby Protect-a-RACK, and it was also the most cost-effective solution, which made this a very easy decision."

Neville Tapp, Director of Operations, Avery Dennison



"The Colby Protect-a-RACKs have done their job superbly. Over the past 12 months, we have experienced minimal rack damage and enjoyed a safer workplace thanks to them, and Colby Storage Solutions' smart warehouse layout."

Terry Wicks, Distribution Centre Manager, Westgate Logistics

Application Examples



Application Examples



Application Examples



Application Examples

