



“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

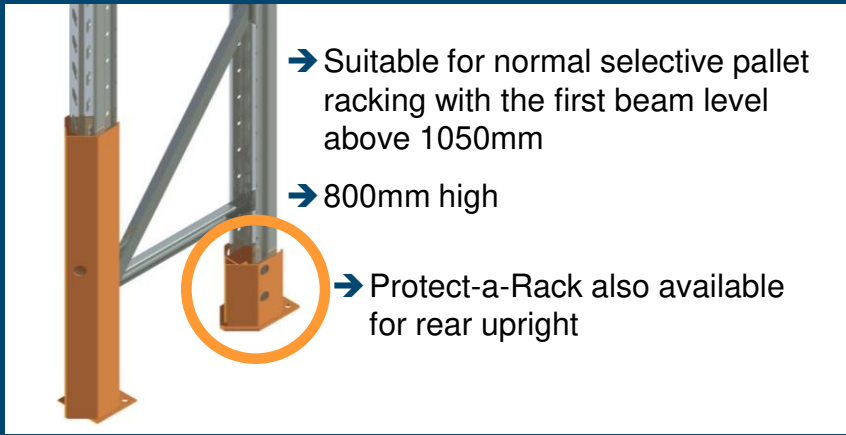
- Extend the longevity of rack and repair/replace it less often
- Avoid loss of productivity during replacement/repair process

4 Protect-a-RACK models are available

Overview



Protect-a-RACK Standard



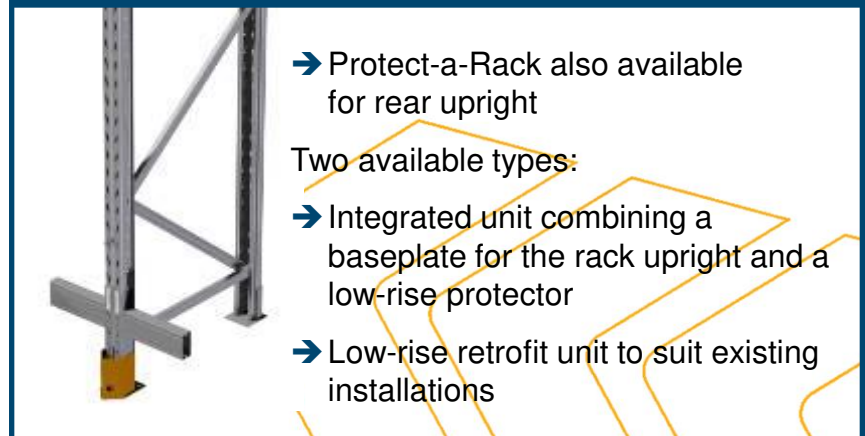
Protect-a-RACK Low Beam



Protect-a-RACK CLS



Protect-a-RACK Base



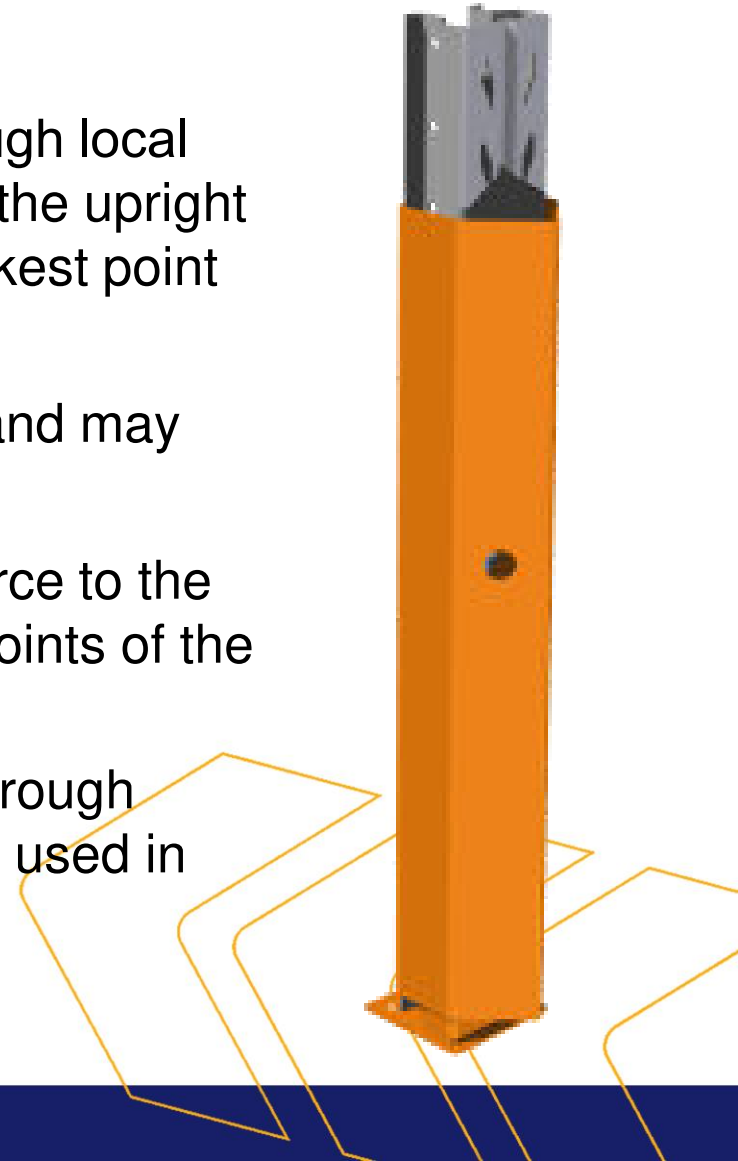
What is the Idea behind Protect-a-Rack?

- › 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



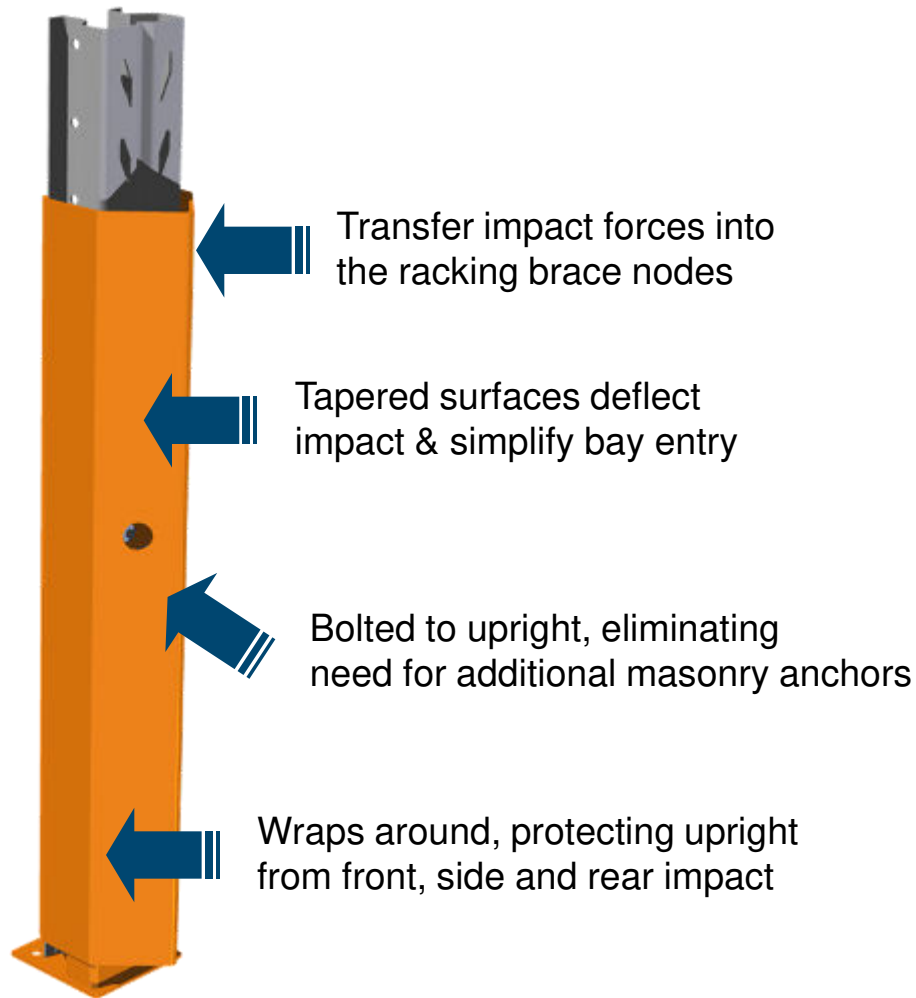
➤ Steel performs better than Plastic

- 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



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Application Examples

