



Rack Armour Comparison

	Steel Post Guards	Rack Armour
1. Cost	<ul style="list-style-type: none"> • Similar to Rack Armour 	<ul style="list-style-type: none"> • Similar to Steel
2. Size	<ul style="list-style-type: none"> • Typically 300 mm high • Impact over smaller surface and transferred to securing bolts/anchors in floor 	<ul style="list-style-type: none"> • 600 mm high • Impact spread over larger surface area of post • Larger part of the post is protected
3. Design	<ul style="list-style-type: none"> • Not usually designed to international standards 	<ul style="list-style-type: none"> • Patented design • Designed to comply with international standards
4. Independent Testing	<ul style="list-style-type: none"> • Not usually 	<ul style="list-style-type: none"> • Independent testing by CARDNO • Report available on request
5. Visibility	<ul style="list-style-type: none"> • Lower height difficult to see from forklift • Requires painting to maintain visibility 	<ul style="list-style-type: none"> • Extra height of Rack Armour make it easier to see from forklift • Permanent High visibility yellow colour
6. Fitment	<ul style="list-style-type: none"> • ~30mm clearance between post and guard • May intrude into aisle reducing forklift clearance 	<ul style="list-style-type: none"> • Foam clearance provides cushioning on impact • Compact installation around upright
7. Installation	<ul style="list-style-type: none"> • Installation time, ~30 minutes per guard • Creates dust and dirt • Steel re-bars in concrete reduce effectiveness of bolt/anchor strength 	<ul style="list-style-type: none"> • Installation time, ~ 10 seconds • Clean installation • Not affected by floor structure or imperfections when installing
8. Fastening Method	<ul style="list-style-type: none"> • Usually 4 bolts/anchors drilled to floor • Bolts protrude above the floor can damage fork lift truck wheels 	<ul style="list-style-type: none"> • Rack Armour clips on post • self supporting requiring no additional fixing
9. Rusting	<ul style="list-style-type: none"> • Will rust in humid environment and when scratched 	<ul style="list-style-type: none"> • 100% Polymer construction will not rust
10. Minor Impact	<ul style="list-style-type: none"> • Will scratch guard, require repainting and may need replacement. 	<ul style="list-style-type: none"> • No damage to Rack Armour • Shell and foam insert will return to original shape
11. Greater Impact	<ul style="list-style-type: none"> • Will damage guard and need to be replaced • Bolts may be damaged and need to be replaced • Concrete floor may be damaged and need to be repaired and cured before new bolts/anchors can be installed. 	<ul style="list-style-type: none"> • Inspection of unit after impact, outer shell or foam insert may need to be replaced if permanently damaged • Rack Armour replaced in seconds giving protection right away
12. Ongoing Maintenance	<ul style="list-style-type: none"> • Steel guard will need regular painting to maintain 	<ul style="list-style-type: none"> • No ongoing maintenance required
13. Use in cleanroom or GMP facilities	<ul style="list-style-type: none"> • Create an area that is difficult to clean • Harbours dust and dirt 	<ul style="list-style-type: none"> • Does not harbour dust and dirt • Resistant to growth of mould and bacteria • Can be removed in seconds for cleaning and pest inspection • Suitable to -40°C
14. Relocation	<ul style="list-style-type: none"> • Steel guards need to be unbolted and then bolts in the floor cut or ground flat 	<ul style="list-style-type: none"> • Rack Armour removed in seconds with no further clean up required

SIMPLE

SUPERIOR

SOLUTION

Disclaimer

This information is provided for your consideration and verification. Please seek professional advice for the use of this data. Rack Armour Australia does not except any liability for the use of this data.