

Technical Bulletin 004 – Consequences of a serious forklift impact

We are often asked how Protect-it compares to steel guards and other plastic products. This bulletin shows actual consequences of serious impacts on different types of guards.

Protect-it™

- Injection moulded
- No fasteners needed
- 3 Protect-it's fitted



Seattle, USA

Outcomes

- Permanent damage to only one of three Protect-it guards fitted to the column
- No structural damage to the steel upright

Replacement cost

Cost to replace one Protect-it approximately US\$12.

Other plastic guard

- Rotationally moulded
- Attached with Velcro



Adelaide, Australia

Outcomes

- Permanent damage to the plastic guard
- Minor structural damage to the steel upright
- Note: this damage occurred in a -30° cold-store, where rotationally moulded plastic becomes brittle

Replacement cost

Cost to replace plastic guard approximately US\$30.

Steel guard

- Fabricated steel
- Bolted down



Johannesburg, South Africa

Outcomes

- Permanent damage to the steel guard
- Major structural damage to the steel upright
- Impact from the guard created a dangerous stress point on the upright

Replacement cost

Cost to replace steel guard approximately US\$50. Extra cost to repair upright.

We challenge you to find a smarter column guard anywhere in the world!

www.protect-it.com.au

Protect-it is covered by international publication #W02005/049453 under the Patent Cooperation Treaty (PCT).

