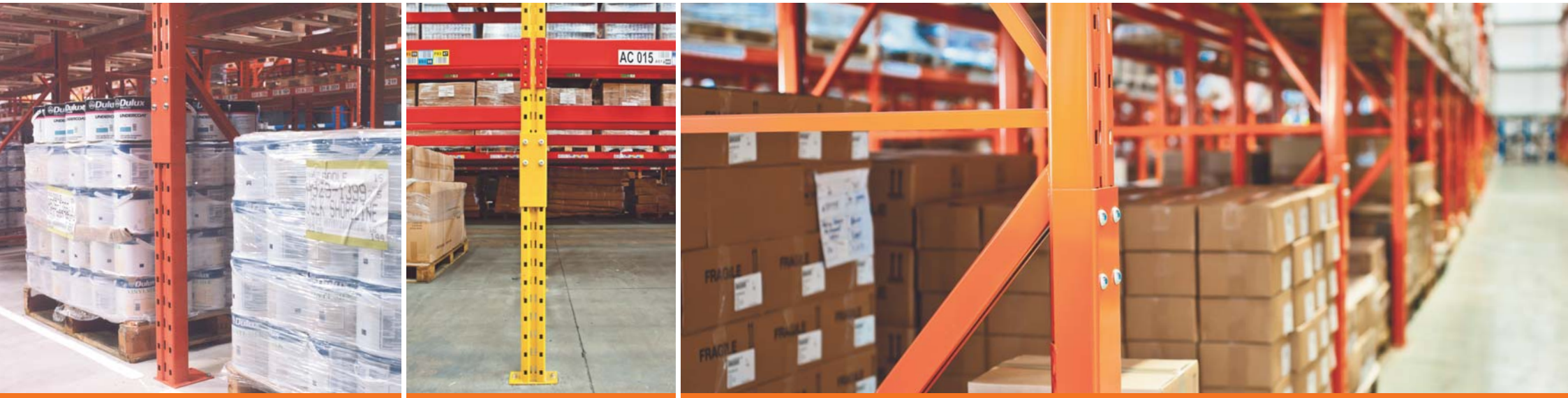


Sacrificial Leg

Innovative, cost-effective and time saving



RediRack's sacrificial leg is the perfect solution for repairing damaged frames with the minimum amount of disruption and cost. Independently tested by the Department of Civil and Structural Engineering at Sheffield University, the sacrificial leg meets all SEMA code requirements.

- Tried, tested and safe. Developed by RediRack in 1988 and independently tested, the sacrificial leg is used in some of the busiest warehouses in the UK.
- A factory fitted option, the sacrificial leg replaces the low-level leg on the frame front upright where most damage occurs.
- Replacement legs are economical and can be kept on-site, therefore no external travelling time or labour costs are incurred.

Damage to pallet racking is an inevitable consequence of having fork lift trucks working in confined spaces, however in 90% of cases damage is restricted to the first 800mm of the front upright. RediRack's unique sacrificial leg is the perfect solution for repairing damaged frames with the minimum amount of disruption and cost.

- RediRack can train your own staff to replace damaged sacrificial legs (during operational breaks).
- Users report replacement times of about twenty minutes using their own, trained staff and a dedicated jack which is available from RediRack.
- Ease of repair encourages operators to deal with damaged frames quickly, creating a safer working environment.

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Sacrificial Leg

Case Studies



Chatsworth Bathrooms



Chatsworth Bathrooms is a subsidiary company and of Heritage Bathrooms PLC, one of the UK's leading manufacturers and distributors of high quality, bathroom products.

RediRack installed wide aisle racking in the centre of the warehouse, consisting of six double runs of racking each with fourteen bays on three beam levels. Three pallets are stored on each level, with pallets in the bottom location sitting on the floor. In total the racking system provides 2,088 pallet positions, utilising just one third of the warehouse floor space.

Completing the bespoke installation are sacrificial legs, rack end protectors and timber decking.

Ron Hattersley, Logistics Director at Chatsworth Bathrooms says of their decision to fit the warehouse with sacrificial legs: *"The sacrificial leg is an ingenious idea. Having an easily replaceable section in the front upright will enable us to make substantial savings on repair time and ultimately costs. It is also particularly useful to us at the moment as we are training new staff with new equipment so the occasional knock tends to be more prevalent!"*

Morphy Richards



Morphy Richards is the UK's leading supplier of small domestic appliances. Its products are available from most of the leading electrical goods retailers.

RediRack installed racking in their 9000 pallet bulk storage facility that was created to provide capacity for 1000 different product lines with an average of 500 pallet loads of product received every day, increasing threefold at peak times.

In the bulk store, there are two single and eleven double runs of racking designed to handle pallets 1200mm wide by 1000mm deep and a maximum height of 1300mm. Each run consists of 22 bays, with 2700mm clear entry. Pallets are stored on seven levels, with the top beam at 10.5 metres. The bottom bays are dedicated to order picking, with replenishment stock stored in the locations above. The front uprights are all fitted with the sacrificial leg.

Paul Blackman, Operations Manager said: *"With such a busy operation, damage to the racking is inevitable no matter how well trained our reach truck drivers are. RediRack's sacrificial leg is an excellent accessory, enabling a damaged upright to be replaced in a matter of minutes."*

The Eldred Group



The Eldred Group are market leaders in the storage and distribution industry, with a total warehouse capacity of more than 350,000 sq ft. They needed additional storage space creating within very tight time deadlines and approached RediRack for a storage solution.

RediRack created a very narrow aisle system to fill the new space, rising to a height of over ten metres, it has five beam levels to a bay and the entire system is decked to allow for storage of almost three thousand pallet positions.

Narrow aisle trucks work within the storage system, and they are steered by guide rail when within the aisles. The rack's end frames feature RediRack sacrificial legs. Narrow aisle racking systems are prone to fork truck impact and damage to the system's frames. Yet, in 90% of cases damage is restricted to the first 800mm of the upright.

Martin Eldred, Owner said: *"The time frame for this job was very, very tight. The installation from RediRack was highly professional and exceptionally well managed. The racking was completed on time and we felt we received excellent value for money. Well done RediRack!"*

The Sacrificial Leg System

