

Innovative Railway Safety Ltd
 Ty Penmynydd
 Llangennith
 Swansea
 SA3 1DT

Tel: 07974 – 065798
 E-mail: paul@inrailsafe.co.uk
 Web site: www.inrailsafe.co.uk

Edge Protection for Maintenance Pits

Different:

There are already a lot of edge protection systems for flat surfaces on the market, but this system distinguishes itself through its simplicity. It is light and easy to assemble, or remove sections to give access to, for example, a maintenance pit.

RSS Edge Protection for flat surfaces is a patented system and meets the safety requirements of the European standard EN 13374 class A.



Safety Standards

Both the Dutch A-blad Standard and HSE UK 'Working at Height' Regulations) cover working at height on flat surfaces e.g.: roofs, or the edges of maintenance pits. Both contain recommendations and standards expected to limit the exposure of operatives working at height to the risk

of falls. They strongly recommend fencing systems (complete protection, (HSE If work at height is unavoidable, aim to protect against falls by providing a suitable working platform fitted with edge protection (ie guard rails and toe boards) rather than individual protection by way of lanyards. If you look at the flowcharts shown in the A-blad standard, the Dutch Labour Inspectorate (Arbeidsinspectie) strictly controls compliance with them, and the HSE in the UK will prosecute infringement of these regulations or failure to protect operatives. They both indicate that a fencing system is mandatory in very many cases.



This RSS system is a solution based on the Dutch regulations (A-blad) on flat roofs.

Simple:

The fencing is hooked into the foldable aluminium stanchion. The stanchion is ballasted by a counterweight. So the system is easy to transport to the area where edge protection is required and is assembled there in one action. You simply unfold the system and secure it with a locking pin. Next, you hang the fencing in the stanchion. There are no loose parts to get lost.



RSS systems meet the "til standard" (max. 25 kg), have been certified by Aboma & Keboma and satisfy the safety requirements of the European standard EN 13374 A, B and C.



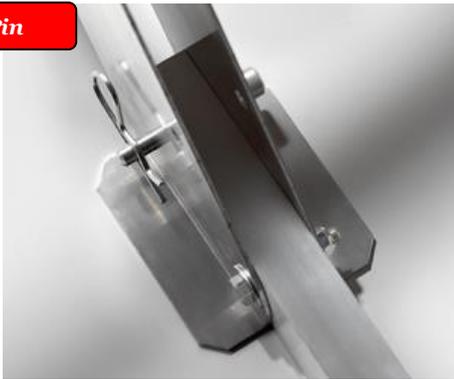
The Locking Mechanism



The Stanchion 6kg



The Locking Pin



The Handrail



The Clip



The Counterweight 25kg



Safety Tests:

Rail Safety Systems stands for safety. All systems meet the lifting regulations (25 kg) and are certified by [Aboma](#). Rail Safety Systems recently received certification to the EN 13374 Class C safety standards. This is Europe's highest standard for fall protection systems.

Watch the videos of the safety tests on the web site. http://inrailsafe.co.uk/?page_id=1940

During the test, a roll of one metre in width with a diameter of 35 cm and weighing 75 kg is rolled against the edge protection system from a sloping roof of 60° with a fall height of 5 metres. Because of the slope angle and the fall height from the roof, the weight impacts the system at high speed and with very great force. The test is carried out several times against different components of the system. The edge protection system must withstand this loading. It simulates a person falling from a height of 5 metres.

*Rail Safety Systems B.V
De Sondert 24,
5928 RV
Venlo, The Netherlands.*



*Exclusive GB & Éire Agent:
Phone: **P Scapens – 07974 065798***

