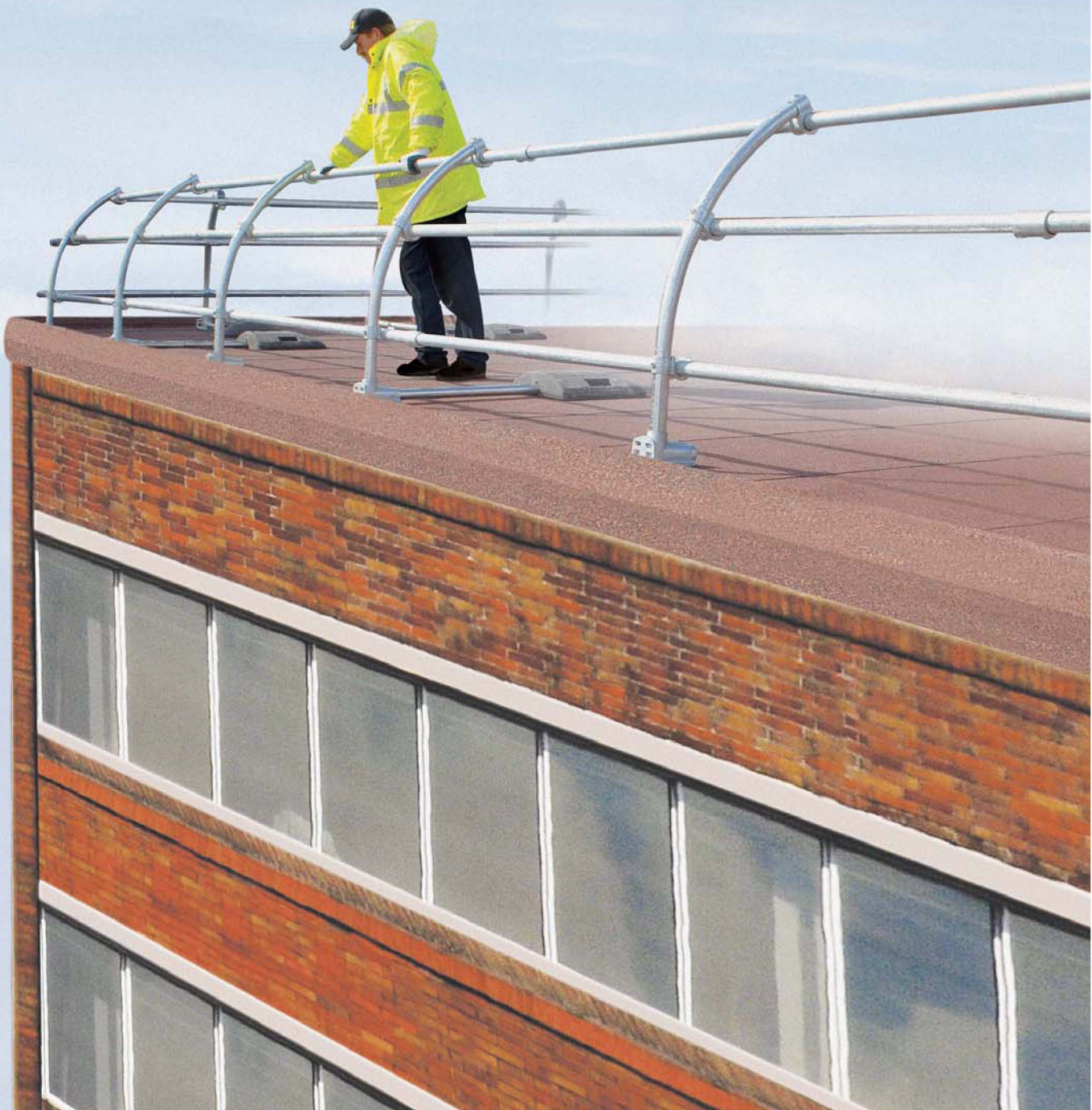
F.H. BRUNDLE

ROOF EDGE PROTECTION SYSTEMS



responsibility

Falls from height are the most common cause of serious inury and the latest HSE report shows that during 2007, 45 workers died and 375 were seriously injured following falls fom height in the workplace. With a need to clean gutters, fume extract ducting and windows as well as an increasing requirement for maintaining and installing air conditioning plant, telecommunications and CCTV equipment building owners have a responsibility to provide a safe working environment for their employees and sub-contractors.

the systems

All ROOF EDGE PROTECTION systems are freestanding with no requirement for fixings or drilling and subsequently no repair to the roof membrane, they are suitable for flat or nearly flat roofs, maximum pitch 3º. The systems satisfy the requirements of BS EN ISO 14122 part 3 Safety of Machinery - Permanent means of access to machinery - stair ways, stepladders and guard rails and are supported by CERAM certification.

All ROOF EDGE PROTECTION systems operate on a counterbalance principle using curved PVC counter-weights as the main component. A galvanised malleable iron foot with a protective rubber base supports the handrail post, this includes an integral toeplate facility which is a fundamental requirement if there is no perimeter edge upstand.

All PROOF EDGE PROTECTION systems include our cradle fittings, this is a major cost saver, allowing the handrail tube to be dropped into place instead of being fed through several fittings as with other systems.

All ROOF EDGE PROTECTION systems are designed to withstand a maximum horizontal load applied perpendicular to the top rail of 300Nm or a single point load of 600Nm.

SYSTEM BENEFIT S

- The system is ef fectively maintenance fr ee with hot dip galvanised malleable ir on fittings to BS EN ISO 1461. PVC counterweights and hot dip galvanised tube
- For use on asphalt, coated steel sheeted or concr ete mineral felt r oofs
- Rapid installation / No special tools required No on site welding or bending required
- Base fitting allows option of installing uprights up to 10º from vertical. Bolt on toeplate facility to comply with HSG 33

Economy

ROOF EDGE PROTECTION

16RE00G40 POST

The 16RE00G40 is a 4mm diameter, 1100mm tall factory assembled upright comprising 2no. Cradles, 1no. Base and 1no. End Cap.
Maimum distance between post cetres - 2metres

16RE11P40 CONTERVVEIGHT

16RE11P40 is recycled PVC moulding containing a 2 metre tube. The counterweights are fitted on every other post, maimum dist between counterweights - 4 metres. The counterweight is a slim and deem low trip hazard.

CERAM Test Report BT0777TJB - October 2007

A simple and cost ef fective way of pr otecting r oof edges

Standard

ROOF EDGEPROTECTION

16RE00G40 POST

The 16RE00G40 is a 4mm diameter, 1100mm tall factory assembled upright comprising 2no. Cradles, 1no. Base and 1no. End Cap.
Maimum distance between post centres - 2 metres.

16RE00G40 CONTERVVEIGHT

16RE11P40SS is a recycled PVC moulding and a 1 metre tube. The counterweights are fitted on every post, maimum distance ween counterweights - 2 metres. The counterweight is slim and deemed a low trip hazard

CERAM Test Report BT0777TJB - October 2007

Shorter length counterweight tubes, enables installation in r estricted r oof ar eas

PLUS

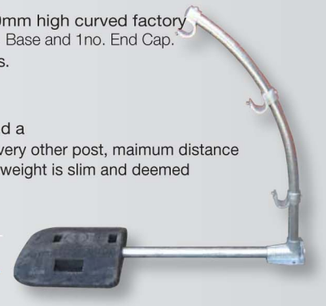
ROOF EDGE PROTECTION

16RE00G40SS POST

The 16RE00G40SS is a 4mm diameter, 1100mm high curved factory assembled upright comprising: 3no. Cradles, 1no. Base and 1no. End Cap.
Maimum distance between post centres - 2 metres.

16RE11P50SS CONTERVVEIGHT

16RE11P40SS is a recycled PVC moulding and a 1 metre tube. The counterweights are fitted on every other post, maimum distance between counterweights - 4 metres. The counterweight is slim and deemed a low trip hazard.



CERAM Test Report BT07505TJB - August 2007

Aesthetically pleasing with 3 rails for added security and shorter length counterweight tubes enabling installation in restricted roof areas.

COMPONENTS USED ON ALL SYSTEMS

1. 16RE12P40 Run End Counterweight
16RE12P40 is a run-end counterweight assembly used on all systems with a free end Containing 2no recycled PVC mouldings fittings,
1no solid 690mm bar and 1no 2 metre tube.
This part is supplied loose for site assembly.

2. 16149D SLEEVE JOINT
16149D are used to connect adjoining handrail sections together. These should not be used in the same bay

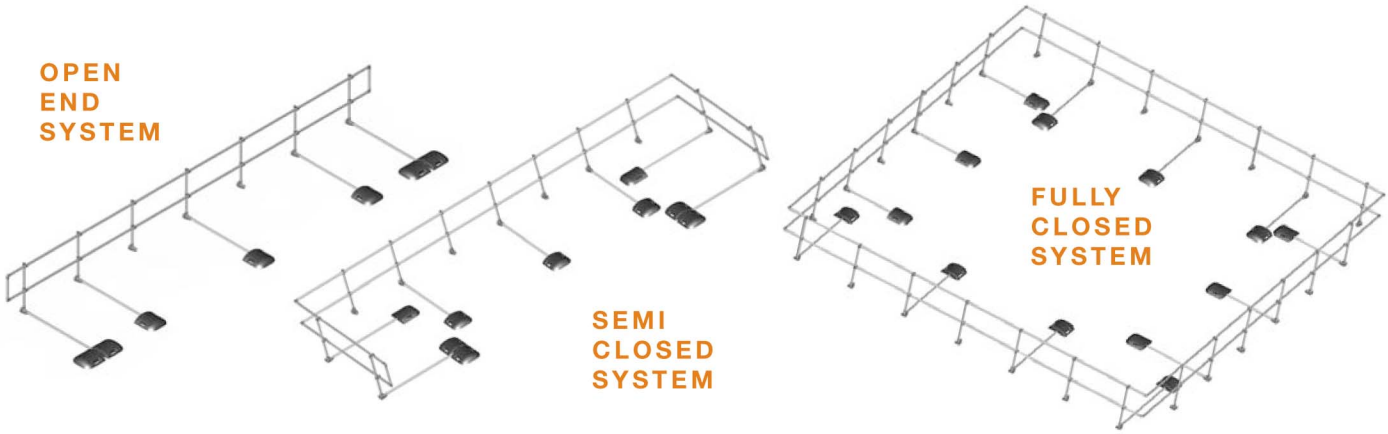
3. 16125D 90º ELBOW
16125D are used to change diection at 90º without bending the tube or to form D return end

4. 16154D VARIABLE ELBOW
16154D are used to change directions other than at 90º without bending the tube.

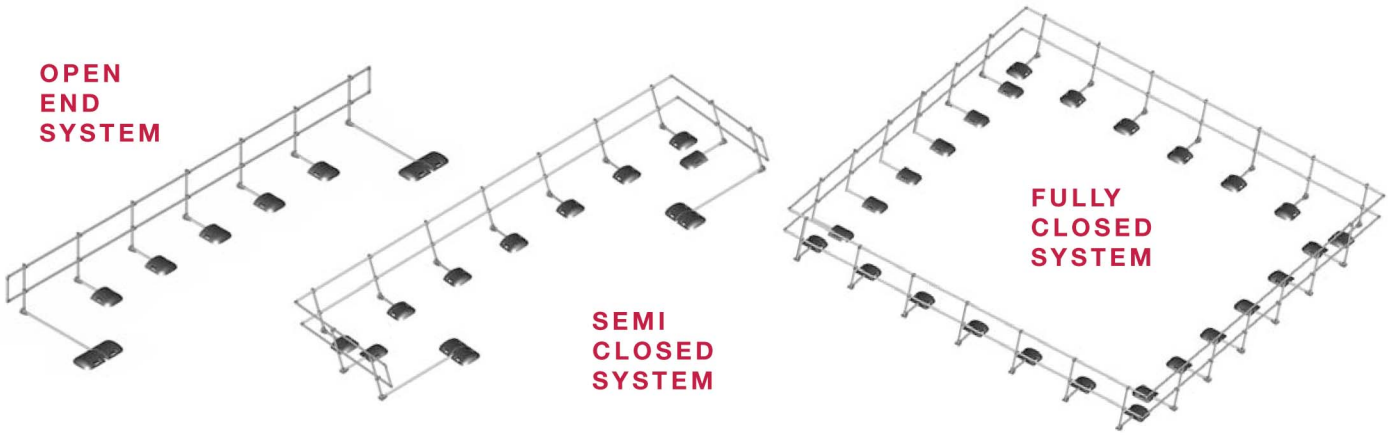
5. 16131D WALL FLANGE
16131D wall flanges are used to fix the wall to the end of the crossrails to terminate a run of Defender.

TYPICAL LAYOUTS

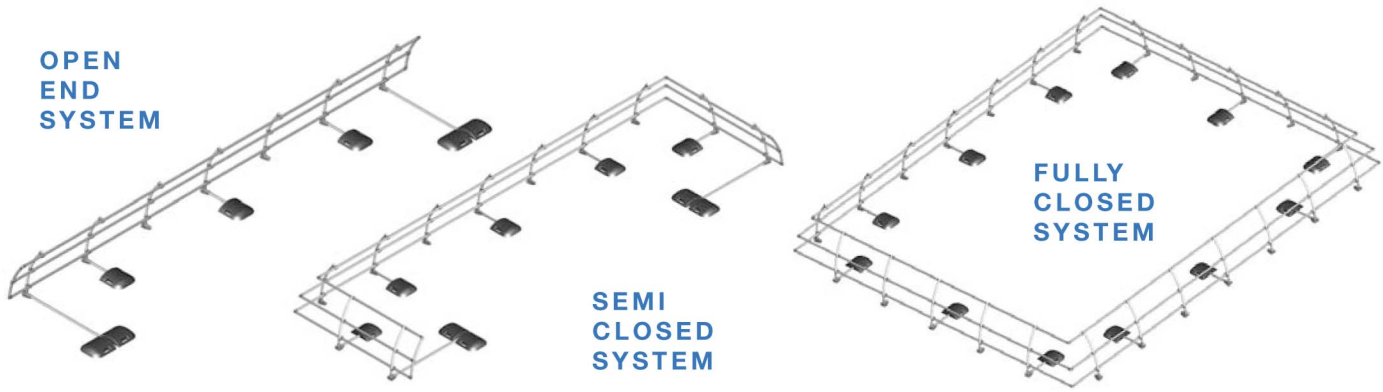
Economy



Standard



Plus



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