

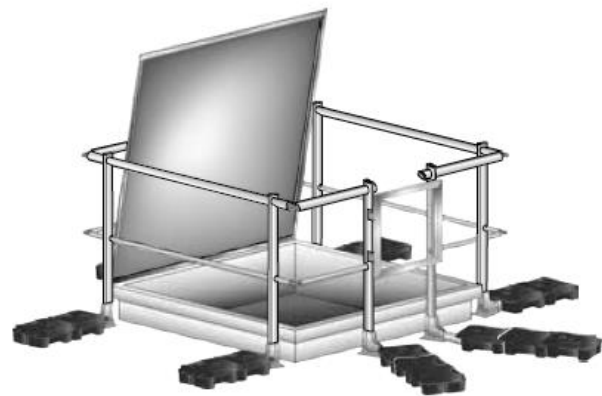
System description

With GARDCO dome light defences, all types of dome lights can be secured against falling through. This means that all persons who have to carry out maintenance or installation work on the roof are protected at all times.

The dome light defences are installed on standard load-bearing outriggers without penetration.

Various sets are available to secure dome lights, RWA systems or roof hatches that are not fall-through-proof. It is of course also possible to put together sets according to special dimensions. A set with a self-closing safety door is available for roof hatches.

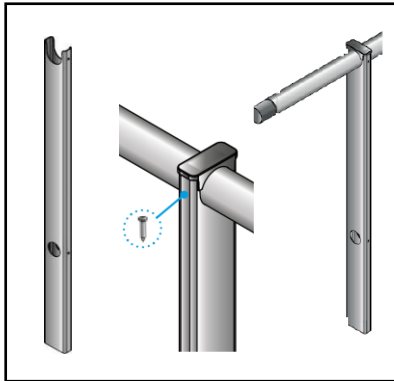
Tested in accordance with DIN EN ISO 14122-3.



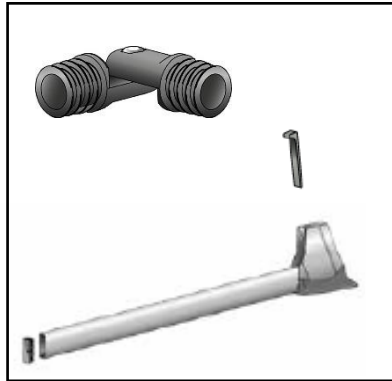
Quick and easy assembly:

- Made of aluminium, colour-coated on request
- Railing height 1180 mm
- Supports with semi-circular recess for easy insertion of the handrail
- 2 individual weights of 12,5 kg each with carrying handle
- Pre-assembly outrigger welded to foot section
- 3 standard sets, customised sizes on request

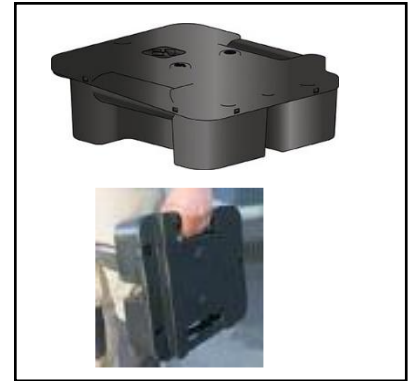
Components:



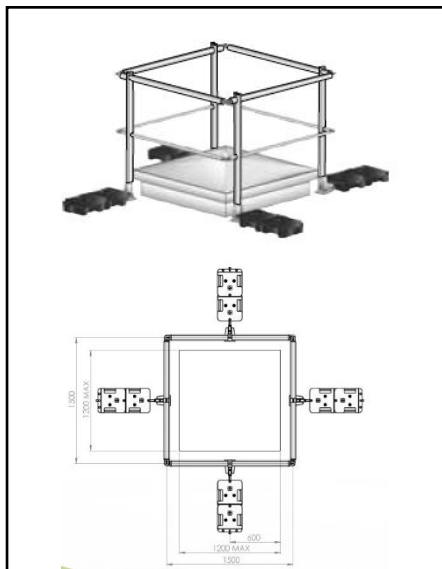
Support with recess for the handrail on gravel or green Roof.



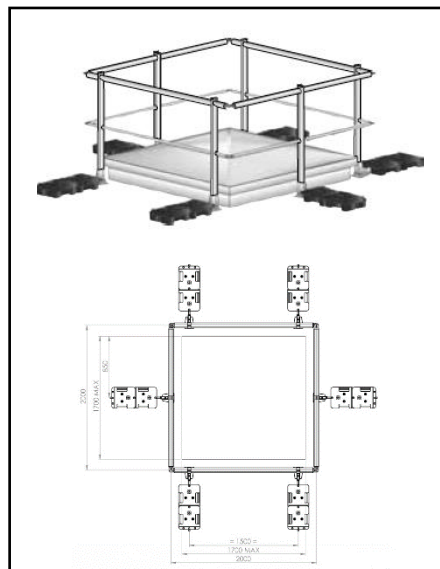
Pre-assembled outrigger, fixation And height adjustment with blocking wedge. Plastic corner connector.



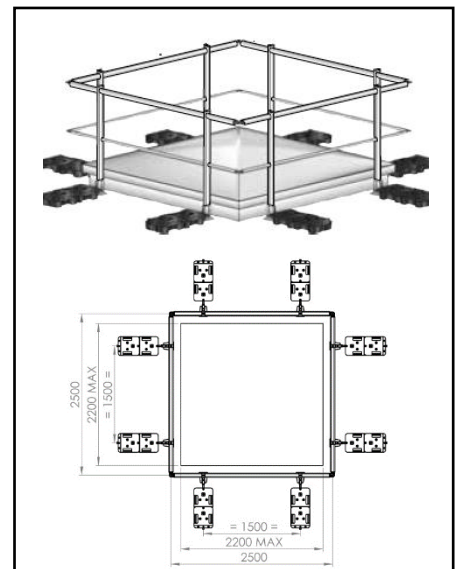
Plastic weight with concrete filling 12,5 kg with carrying handle.



Set 1 – 4 posts:
Size of dome light: 1200x1200 mm
Size of railing: 1500x1500 mm



Set 2 – 6 posts:
Size of dome light: 1700x1700 mm
Size of railing: 2000x2000 mm



Set 3 – 8 posts:
Size of dome light: 2200x2200 mm
Size of railing: 2500x2500 mm

Please note:

Before installation, the load-bearing capacity of the roof structure and therefore its suitability for load-bearing collective protection must be checked. The maximum load on the roof surface for the GARDCO AL system is 8-10 KPa.

The railings are designed for a roof pitch of up to 10°. For roofs without a parapet, shear protection must be provided.

The railing must not be supplemented with attachments or cladding that increase the area exposed to wind or represent an additional load transfer. In areas with aggressive environmental conditions, e.g. in the vicinity of chemical plants or near the coast, additional coating or anodising of the railing parts may be necessary.