

STEP

ABOVE

SAFETY

Weight Angel TM

MOBILE WEIGHT ANCHOR



Safety should be the priority of anyone working at height, but sometimes you need a smaller problem rectifying without wanting to put an extensive and time-consuming set of safety measures in place.

For those moments, there is the freestanding Weight Angel post system, a fall protection solution that's simple to set up and deploy.

Weight Angel is a weight anchor designed to minimise the distance and consequences of a fall when a worker is attached to it. It is designed to be used on surfaces up to a 5 degree pitch and is simple and straightforward to use, allowing you to get the job done both quickly and safely.

A simple, straightforward safety solution without any risk of endangerment, the Freestanding Weight Angel post system is the perfect solution to a range of tasks where safety is paramount

The Freestanding Weight Angel post system consists of a set of non-penetrative weights assembled into a single, round unit. Working in conjunction with a shock absorbing post, Weight Angel creates a powerful friction anchor that is more than capable of withstanding a fall.

The unit has also been specifically designed to reduce trip hazards and to occupy as small a space as possible on the roof: it's no more than 1200mm wide. Suitable for the full range of flat roofs (up to a maximum of 5° pitch), the Weight Angel system has been tested on a range of substrates including concrete, ashfelt and single ply membrane. Its quality has also been assured by external means, and it is fully tested by SATRA to BS EN795:2012 Type E.

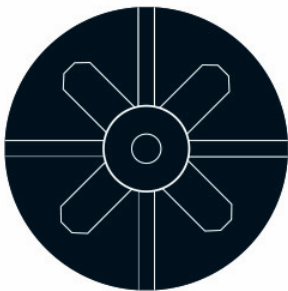
With its competitive pricing and high recycled material content, it's safe and kind to the environment.





Key Features

- Small but substantial product: a minimal trip hazard
- Rapid Installation possible with a single user.
- Small number of components
- Easy to assemble and store when not in use
- Non-penetrative: ideal for older buildings
- Single user Fall Arrest
- Two user Fall Restraint
- Weights have built in handles to protect users hands during installation
- Usable on flat roofs no steeper than a 5° pitch
- Tested on a wide range of roofs and materials
- Competitively priced. Without any compromise in quality
- Environmentally friendly due to recycled and recyclable materials.
- Can be used with the Roof Angel system to create a restraint access line with fall arrest options.



Ø 1200mm



manufactured using
recycled material



maximum roof pitch



two-person system
Restraint only.

Weight Angel & Roof Angel

MOBILE WEIGHT ANCHOR

HORIZONTAL LIFELINE SYSTEM

Restraint Access Line

Weight Angel and Roof Angel can be used in conjunction with each other to create a non-penetrative horizontal lifeline.

The system can be used for up to two users in restraint.

To be classified as restraint, the position of the anchorage and cable systems, used with the correct length of the lanyard must ensure it is not possible to approach within 500mm of a roof edge or other opening where a fall risk is present.

This system is a restraint access line, but with each Weight Angel installed with a Thro Plate and D-Ring then each Weight Angel can be used as an individual fall arrest anchorage point.

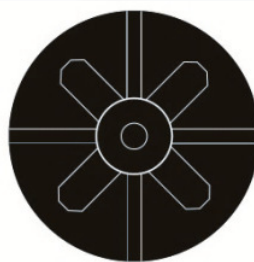
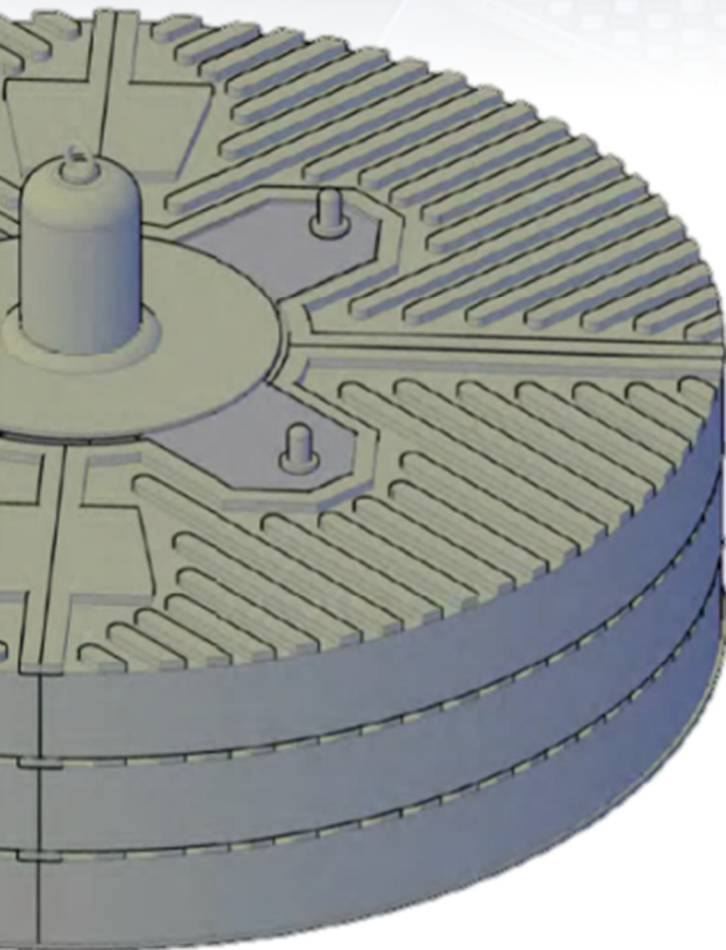
Used with the RA-2012 Thro Plate and RA-2006 D Ring each anchor can be used as a fall arrest anchor when connected to the D Ring and not the cable.

This allows the user to access in restraint the area where work is to be carried out and only then convert to fall arrest.

It is intended for use on flat roofs or where it is preferable that penetration of the roof surface be avoided.



KEY SPECIFICATIONS



Ø 1200mm



Ø 1200mm

Weight	300 kg
Individual Weights	24 kg
Qty Weights	12 units
Weight of posts /supports	12 kg
Width	1200 mm
Height	465 mm
Made from Recycled Materials	

INSTALLATION LIMITATIONS

The Weight Angel Safety System is designed with the following limitations:

- Fall Arrest for one (1) users
- Fall Restraint for two (2) users
- Maximum roof pitch of five (5) degrees

Roofing Materials

- Single Ply Membrane
- Single Ply Bitumen Membrane with stone covering
- Single Ply Membrane Bitumen
- Concrete Deck

Weather

- Wet surfaces are tested
- Dry surfaces are tested

Conforms to EN795:2012



MATERIALS

Post	Polyurethane
Eye Ring	SS 316
Cover	Aluminium
Bolts	SS 316

MATTING SPECIFICATIONS

Elastomer	Natural
Colour	Black
Quality	Commercial
Grade	N02
Hardness	70° shore a
S.G.	1.55g/cm ³
Tensile MPA	4
Elongation	300%
Tear strength	12 kg/cm
Compression set	43%
Abrasion resistance	48/0 mm ³
Operating temperature	-20° / +70° c

Restraint Access Line

Components

- Weight Angel
- Roof Angel

Materials

- Stainless Steel / Rubber / Galvanised Steel

Specifications

- Maximum Span 10m
- Maximum Users 2

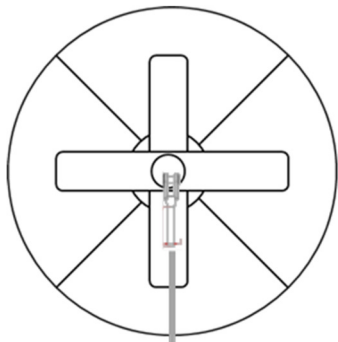
Conformity

- CE Approval EN 795:2012 Type E (Weight Angel)
- EN 795:2012 Type C (Roof Angel)
 - Roof Angel to be used as restraint ONLY
 - User must not be allowed to get within 0.5m of a fall risk
- BS 7883
- BS 8437:2005

Benefits

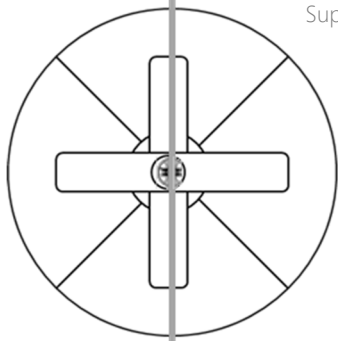
Does not require the roof surface to be penetrated.
The Weight Angel can be used on any of the following roof surfaces in WET or DRY conditions:

- Single Ply Membrane
- Asphalt
- Concrete
- Stone Chippings (Brushed)
- Mineral Felt



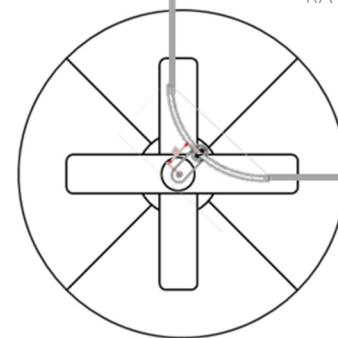
End Anchor

- Weight Angel
- RA-2006 D-Ring
- RA-2002 Fork End



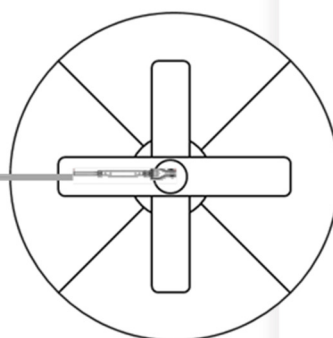
Intermediate Anchor

- Weight Angel
- RA-2003 Intermediate Support



Corner Anchor

- Weight Angel
- RA-2008 Corner Support



End Anchor

- Weight Angel
- RA-2006 D-Ring
- RA-2001 Tensioner



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