

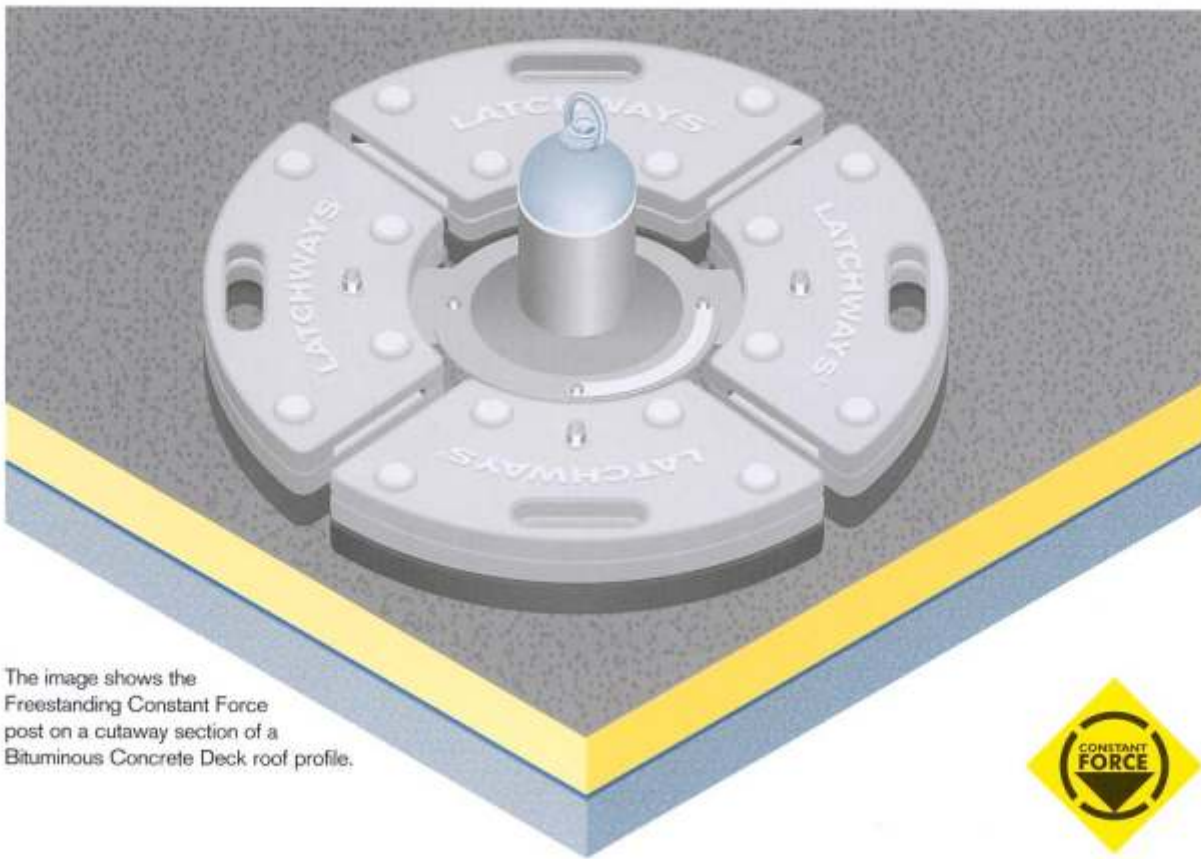


# ManSafe

Freestanding Constant Force Post

7:1





The image shows the Freestanding Constant Force post on a cutaway section of a Bituminous Concrete Deck roof profile.



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## ManSafe Freestanding Constant Force Post: Component Detail and Roof Type Compatibility

The freestanding post is supplied in component part form and requires assembly before the device can be put into service.

### 400 kg post (part no: 65644-00)

- For use as a single point anchor or as the end posts within a horizontal cable system

### 300 kg post (part no: 65640-00)

- For use only as a single point anchor

### 200 kg post (part no: 65643-00)

- For use only as an intermediate anchor within a horizontal cable system

### 100 kg upgrade kit (part no: 65641-00)

- Allows the upgrade of posts from 300 kg to 400 kg

The number of segments described in the chart opposite refers to the total number segments required for each freestanding post and includes the 4 rubber coated base weights.

The approximate weight for the devices are as follows:

- Complete post with 16 segments is 400 kg
- Complete post with 12 segments is 300 kg
- Intermediate post with 8 segments is 200 kg

The approximate weight for individual segments is as follows:

- Rubber coated base segment is 25 kg
- Galvanized segment is 23 kg

The post is approved for use as a single point anchor on the following roof surfaces using the number of segments as described below:

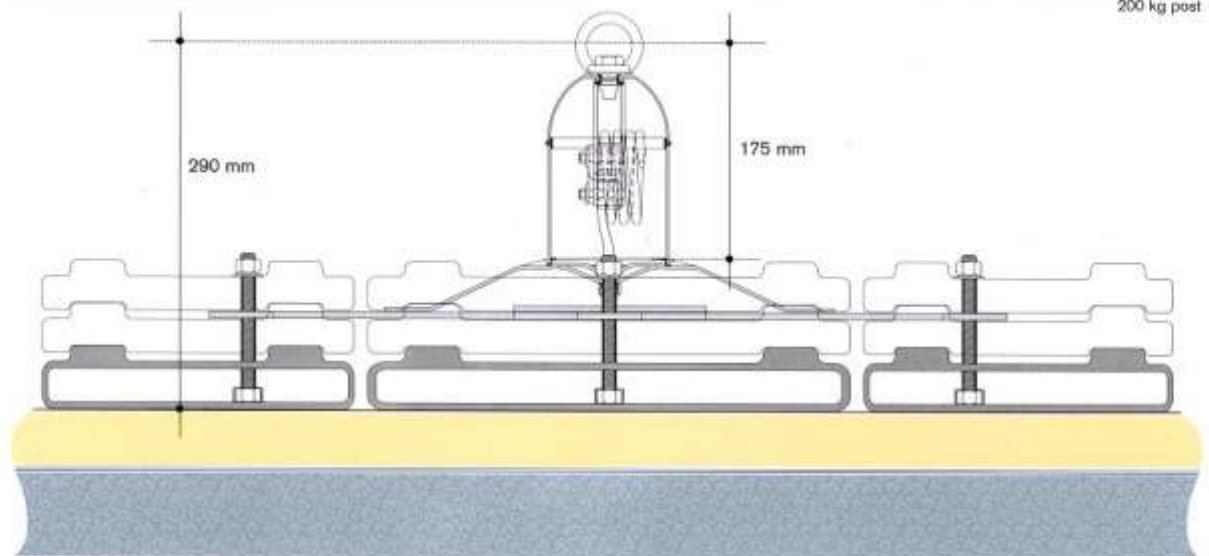
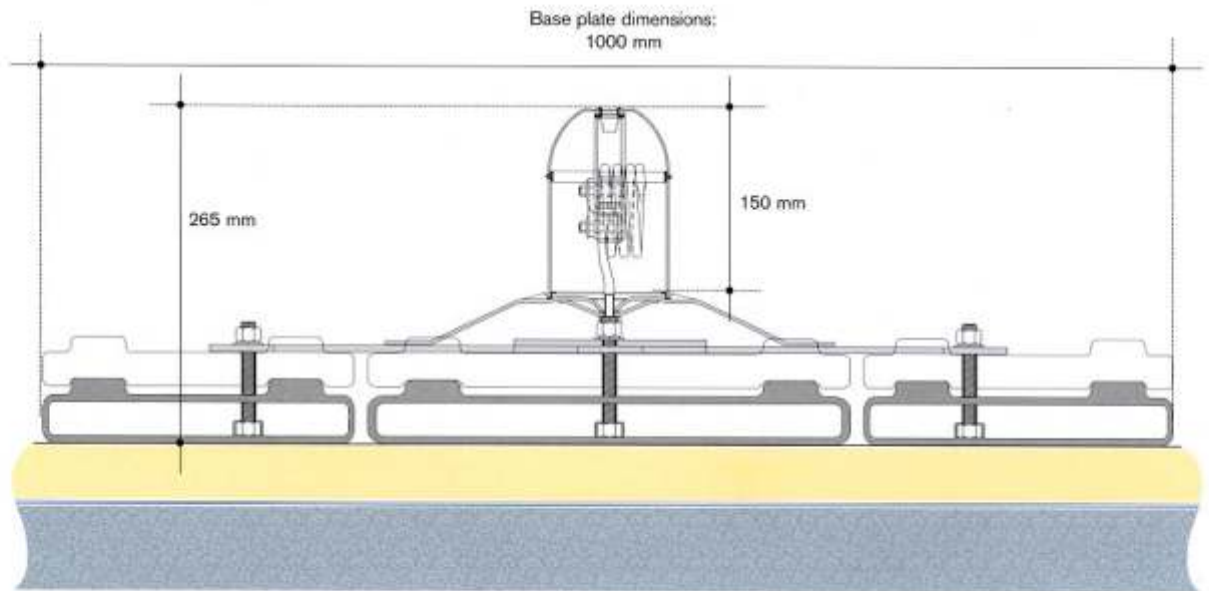
### Nominally Flat Roof

Roof Type	No. of Segments
Concrete	12
Single Ply Membrane	12
Bitumen Membrane	12
Asphalt – Sanded	12
Asphalt – Stone Chippings	16
Steel Profile	16

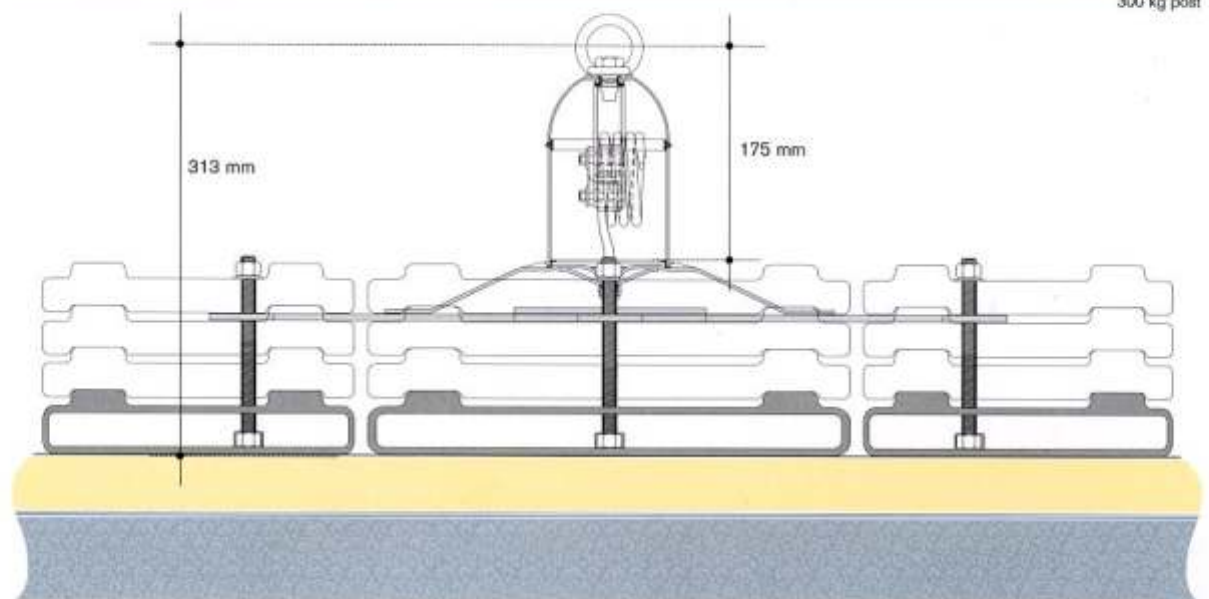
### Roof At 5° Slope

Roof Type	No. of Segments
Concrete	12
Single Ply Membrane	12
Bitumen Membrane	16
Asphalt – Sanded	12
Steel Profile	16

# Freestanding Constant Force Post Component Details



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### Specification:

The Freestanding Constant Force post is for use as a single point anchor conforming to BS EN 795 Class E and can also be used as part of a Latchways ManSafe horizontal cable system, which has been independently tested.

The post is used on nominally flat roofs up to a maximum pitch of 5° where it is impracticable to install traditional Constant Force posts or rigid anchor posts to the roof or supporting structure.

The post has been tested and approved for use on concrete, single ply membrane, bitumen membrane, asphalt-sanded, asphalt-stone chipped and steel roof profiles.

If the roofing profile which you have selected falls outside the current range, please contact Latchways technical department on +44 (0) 1380 732700 for further advice.

The interlocking segments are arranged in a circular form, ensuring that the post is omni directional. Each segment has an integral carry handle and is a maximum weight of 25 kg.

Ensure no part of the anchor device is less than 2.5 m from any roof edge including skylights, hatches etc.

Where appropriate, remove any loose chippings prior to assembling the post.

When connecting to the post or system, always use a full body harness and energy absorbing lanyard to appropriate national standards.

The post must never be used during periods of adverse weather conditions (i.e. frost, snow or freezing conditions) or if the roof surface is contaminated by algae, grease, oil or any other type of lubricant.

## Freestanding Constant Force Post Specification Details

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### Certification:

Before commissioning the Freestanding Constant Force post and issuing certification, the following checks must be carried out;

The anchor device is installed so that the rubber coated weights are always in contact with the roof.

The correct amount of segments have been used to assemble the post.

The roof surface is an appropriate type as described on the warning label and has been securely fitted to the post base plate.

All bolts securing the D ring, Constant Force post, cross straps and segments are tight.

There is no damage to the post.

There is no damage to the roof area immediately around the post.

The record card has been completed.

### Installation & Training:

Only Latchways trained personnel are permitted to install the Freestanding Constant Force post and ManSafe componentry. Following installation, Latchways will arrange for the system to be tested, certified and tagged prior to use.

Familiarisation training for the building owner is available, as is an annual inspection programme, thus ensuring that the system is correctly maintained and complies with European safety standards.

### FOR MORE INFORMATION CONTACT:

#### MSA Customer Service Center:

Phone: 1-800-672-2222

Fax: 1-800-967-0398

#### Technical Support:

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