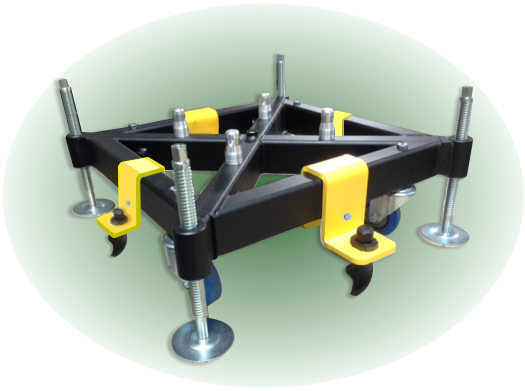
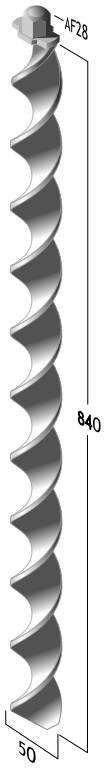
The Most Versatile Ground Anchoring System Yet Devised

Designed & Manufactured In Britain

Spirafix™ Anchors & Accessories for Truss Systems

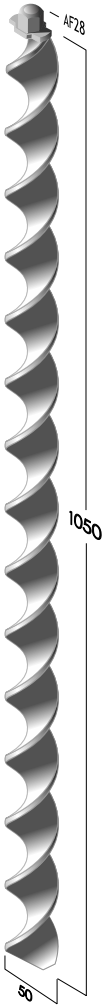


Typical Truss Base Used for Staging using 50mm x 80mm RHS



SF50-10-0840C
Spirafix™
Load Rating
500-1000kgs

SA540
Base Bracket



SF50-10-1050C
Spirafix™
Load Rating
800-1600kgs

Truss bases using 50mm x 80mm RHS can be secured without ballast using the Spirafix™ base bracket SA540 and anchors. It is recommended that four brackets and anchors be used for each base.

The brackets are fitted to the base and a bolt inserted from the front to the back, which when tightened, securely holds the bracket in place.

When the base is in it's final position the anchors are inserted through the slot in the bracket and then driven into the ground until the anchor head reaches the top of the bracket.

The simplest method of installing the anchors is to use a sledge hammer. Damage to the anchors heads can be avoided by using a protective cap (see SA493 overleaf). However, for the longer anchors this can be hard work! Breakers, hammer drills and post drivers are all suitable power tools for installing the anchors and information on attachments for most machines can be found overleaf.

After the event the anchors can be removed by unscrewing them out of the ground using a 28mm socket with an extension and T bar. For long anchors a piece of tube may be needed on the T bar for extra leverage.

The individual load ratings for each Spirafix™ anchor are:

Spirafix™ Code	Vertical Load Rating
SF50-10-0840C	500-1000kgs
SF50-10-1050C	800-1600kgs
SF50-10-1260C	1100-2200kgs

When used as a set of four the total ratings would be:

Spirafix™ Code	Vertical Load Rating	Lateral Load Rating
SF50-10-0840C	1600-3200kgs	1000-2000kgs
SF50-10-1050C	2600-5200kgs	1200-2400kgs
SF50-10-1260C	4000-8000kgs	1400-2800kgs

The total ratings have been reduced slightly due to the anchors not being fully installed because of the height of the base above the ground. The lateral load ratings (resisting horizontal loads) are based on the same premise. The above ground portion of the anchor should not exceed 200mm.

Please bear in mind that all loads expressed above cover a general range and that some extreme soil conditions can lead to both higher and lower load capacities. If in doubt, tests should be carried out to determine actual load ratings.

For lighter applications it is possible to use the anchors and brackets in a set of two as opposed to a set of four. In this case the load ratings given above must be halved.

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