

Vanguard – Fixing Guide & Instructions

Vanguard is a versatile anti climb system, that's simple to install and designed to offer years of maintenance free service. The system consists of a series of rotating aluminium vanes which fit onto a central shaft, which itself is supported at intervals by fixing brackets.

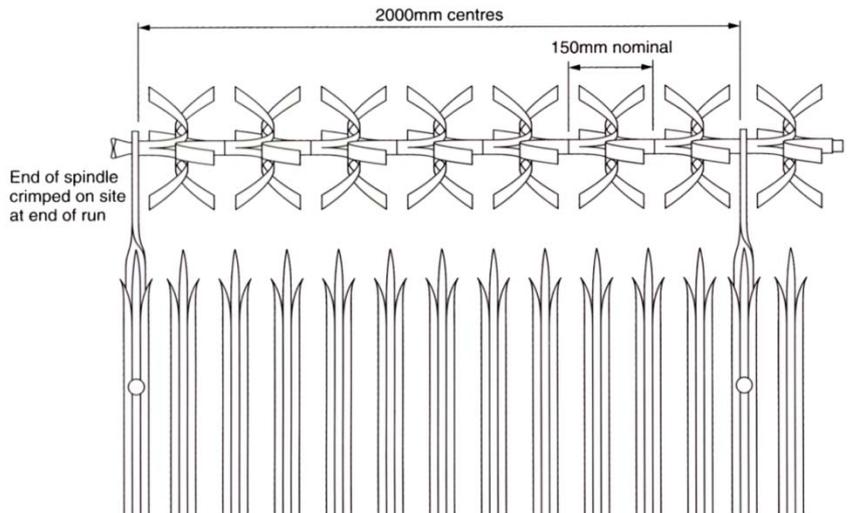
The central shaft is manufactured from extruded aluminium tubing which is supplied in 2 metre lengths. Shafts can be quickly and easily joined together by means of a force fit spigot where long runs are required and of course it's equally quick and easy to cut a shaft down to a shorter length when required.

Installing Vanguard above fencing:

Vanguard can either be bolted, clamped or welded to fences and gates.

Recommended spacing between fixing brackets is 2 metres.

The brackets should be adjusted to support Vanguard centrally over the fence, with a clearance not exceeding 50mm (in order to eliminate any stable platform or foothold).

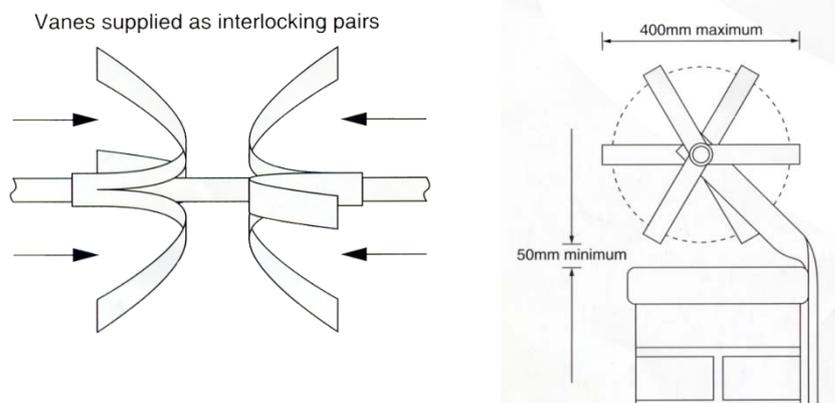


Fixing Vanguard to walls or buildings:

Vanguard can either be bolted to walls using expansion bolts, or other fixings such as a fast fix masonry bolts or even chemical fixings where appropriate.

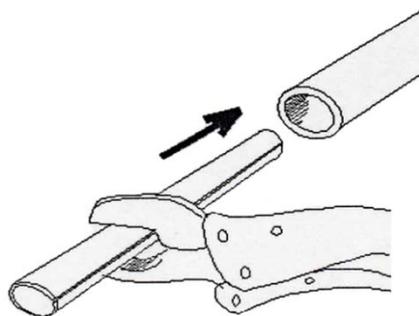
Recommended lateral spacing between fixing brackets is 2 metres.

The brackets should be adjusted to support Vanguard centrally over the wall, with a clearance not exceeding 50mm (in order to eliminate any stable platform or foothold).



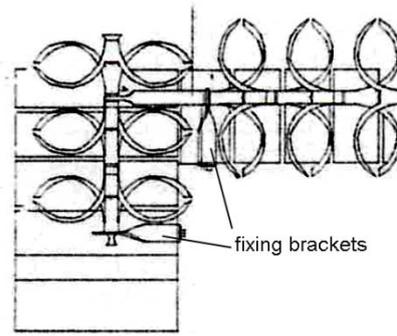
Joining two shafts together:

- Using mole grips or similar, compress one end of the spigot and push into the end of the shaft.
- Compress the other end of the spigot and push into the end of the 2nd shaft.
- Then force the shafts together until the ends meet



Configuring at 90 degree corners:

- Overlap the corners.
- Use extra bracket and special corner spacer.



Terminating the end of run; (crimped end style)

- Trim off any excess shaft with hacksaw
 - Flatten the end of the shaft to stop the last rotating vane from sliding off
- (take care not to flatten the shaft end too close to the last vane, as that will prevent the vane rotating freely)



Terminating the end of run; (bolt and shear nut style)

- Cross drill the end of the shaft
- fit the oversize washer
- Insert bolt and add the shear nut
- Tighten the shear nut until the hexagonal drive face shears off.



Displaying Warning Signs:

As with all spiked anti climb products, appropriate warning signs must be clearly displayed wherever such systems are installed.

The signs should be visible to anyone approaching the barrier from any direction, which is why warning signs have been displayed on both wall faces at the corner of this building.

A further sign is just visible to the left of the downpipe and close to the entrance door to the building which is just off picture.



PLEASE NOTE: "Warning Signs" must be displayed where this product is installed.

Check out our range of "Anti Climb Spike" signs on our website, or call for details: 01273 475500



Why not make your life easier?

Our range of **Fast-Fix masonry fixings** will speed up your installation, or choose from our range of **Security Fastenings** for added security

