

Installation Instructions – Razor Wire

These instructions relate to the anti-climb product, razor wire, which is offered as an accessory to the Protek range of mesh and gates

You will need...

- Tape measure
- Battery drill/screwdriver
- String line
- Safety gloves and goggles
- Spirit level
- Selection of clamps
- Cutting equipment

A MINIMUM OF TWO PEOPLE IS REQUIRED TO INSTALL THIS ANTI-CLIMB PRODUCT.

Step 1

Razor wire is effective as a secondary line of defence to prevent unauthorised access and is widely used to complement high security fencing, protecting military, government, utilities and commercial property

WARNING: We are advised that normal and proper use of this product does not constitute an offence. So far as civil liability is concerned, property owners are entitled to take reasonable precautions to protect their assets - providing they do not set out to contrive a hidden trap for such purpose.

Step 2

Razor wire is manufactured from galvanised steel strip, die-stamped to create razor sharp barbs at regular intervals, and formed around a galvanised, high tensile, steel core wire. The wire comes in three formats:

- On a roll for single strand installations,
- As a flat wrap coil
- And as a concertina coil.

Please ensure that you have ordered the right razor wire for your specification and you can refer to the Alexandra website for more product and accessory details: www.alexandrasecurity.com/anti-climb

Step 3

We would advise that the following points be adhered to when installing Razor Wire:

- Never install razor wire less than 2.4m above ground level.
- Ensure that the razor wire can be seen by any person approaching by locating in a prominent position such as above a fence, wall or roof.
- Display warning signs at 5m intervals both sides of the fence / wall, containing the wording "DANGER - RAZOR BARB"
- Ensure the area is well lit and signs are visible at night

By adopting the above approach, clients should avoid all possibility of legal action in the event of personal injury. It is the responsibility of the client at all times to ensure that the use of this product does not infringe criminal or civil law. Alexandra Security Limited cannot accept any liability in the event of any such infringement.

Step 4

Alexandra can manufacturer fence and gate posts that extend above the fence line to accommodate razor wire, but some installers prefer to use galvanised brackets mounted to the side of the post.

These brackets or supports will come with clips to enable attachment of the support wire and also larger diameter holes to fit the supports to the wall or fence.

On concrete or masonry walls the brackets will need to be bolted to the surface using masonry or through bolts. If fitting on to a metal or palisade fence then drilling and tapping into the main fence support is the best method, the brackets or supports can then be bolted to the post.

Available in straight 850mm x 4mm lengths or angled at 45 degrees these zinc coated steel uprights are designed to suit either a vertical or over hanging installation. Alternatively 2 x 45 degree brackets fitted back to back form a Y type vertical support. Used in conjunction with straining wire these brackets are simple, tough and effective.

We recommend a support post is fitted at least every 3m on a wall or if on a fence then the nearest main fence post. This is to prevent the razor wire sagging between the supports. Additionally this can be minimised by tensioning the support wire however if too much tension is applied using tensioners then the support brackets can deform so additional heavy duty steel angle iron brackets will be needed at each end of the run and at specific intervals to allow the support wire to be tensioned.

