

## LOCHRIN® BAIN COMBI PALISADE

The Lochrin® Bain Combi is our Lochrin® Bain Classic Rivetless Palisade design where the pales when slotted through the horizontal rails are then secured top and bottom with a high tensile bolt and anti-vandal nut.

UK Patent No. 03215472



The Lochrin® Bain Combi has undergone the necessary testing procedures and has gained product approval from Network Rail. Subsequently, it has been installed in a particularly high crime area. We believe when the Combi is installed it will prove to be one of the most formidable steel security fences in the market and best deterrent to vandals.



The Lochrin® Bain Combi Palisade



### Seeing is believing...

- More able to withstand attack using car or scissor jacks.
- No access to fixings.
- Due to Inherent design there is no pendulum movement on the pales.

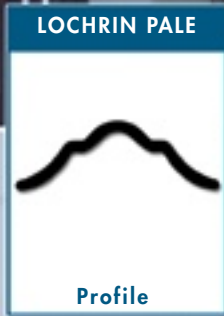
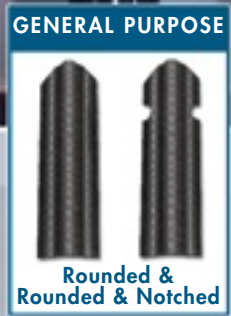
**'By using Lochrin® Fencing products this will not happen to your fence.'**

All our Lochrin® products can be supplied either self-coloured, hot dip galvanised to BS 729, or galvanised and polyester powder coated to BS 6497 and in a variety of colours to suit your requirements.

[www.lochrin-bain.co.uk](http://www.lochrin-bain.co.uk)



William Bain Fencing Ltd.  
EST. 1859

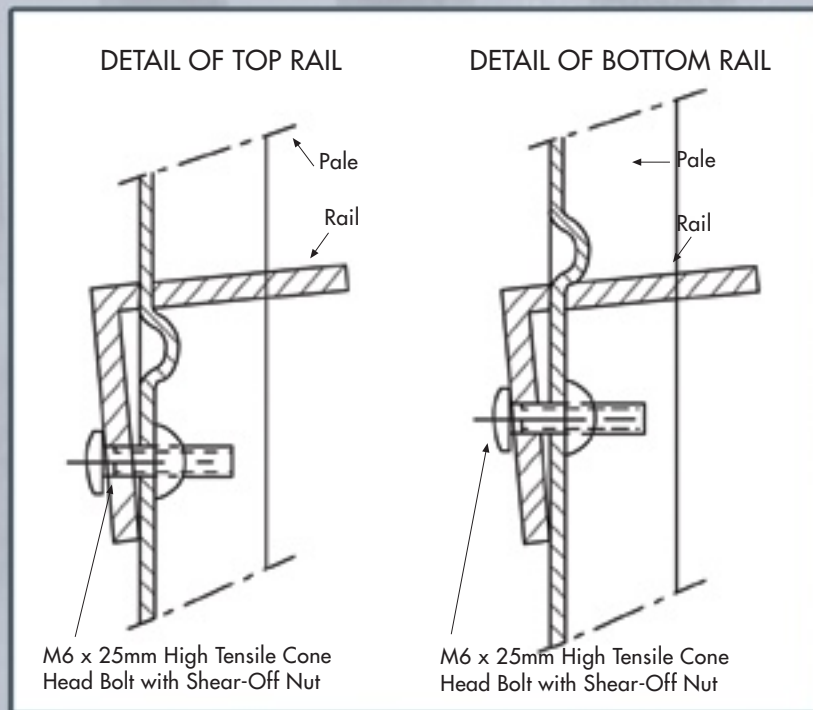


### A standard panel at 2.743 metres consists of the following:

- 1-off self-supporting 102 x 44mm RSJ section.
- 2-off RSA horizontal support rails, complete with 'V' shaped slots.
  - For 3mm thick pales, the horizontal rails are 45 x 45 x 6mm RSA.
  - For 4mm thick pales, the horizontal rails are 50 x 50 x 6mm RSA.
- 17-off Lochrin® pales – cold rolled corrugated section, either 3mm or 4mm thick at 150mm centres. The tops can be pointed, rounded or rounded & notched and are locked in place by 2 pressed out dimples.
- 2-off fishplate connectors.
- 2-off intermediate supports (Centre Rests).
- 6-off M12 x 30mm cup square bolts with anti-vandal shear nuts.
- 34-off M6 x 25mm High Tensile Cone Head Bolt with Shear-Off Nut.

### Assembly

- Set posts at required centres.
- Pass fishplate connectors through slots in bottom of post and bolt on bottom rail using the M12 x 30mm cup square bolts and nuts (hand tighten only).
- Bolt on centre rests at the appropriate position on the bottom rail.
- Insert pales through the slots in the bottom rail until they locate on the dimple.
- Fix one side of the top rail to the post using the fish plate connector, as before.
- Bring down the top rail, locating each pale in turn into the slots.
- Secure the second side of the top rail to the fishplate connector through the post.
- Secure pales top and bottom through horizontal rails using high tensile bolts and anti vandal shear nuts.
- Finally, tighten all the security nuts until the hexagonal head shears, leaving domes on either side, giving a completely tamper proof palisade fence.



The standard panel, detailed can be modified to suit various high risk/trespass applications. The number of pales can be increased, up to 26 per panel, reducing the gap between the pales from 82mm to 31mm.

This type of fence has proved to be the most effective deterrent to vandals in high risk trespass areas.