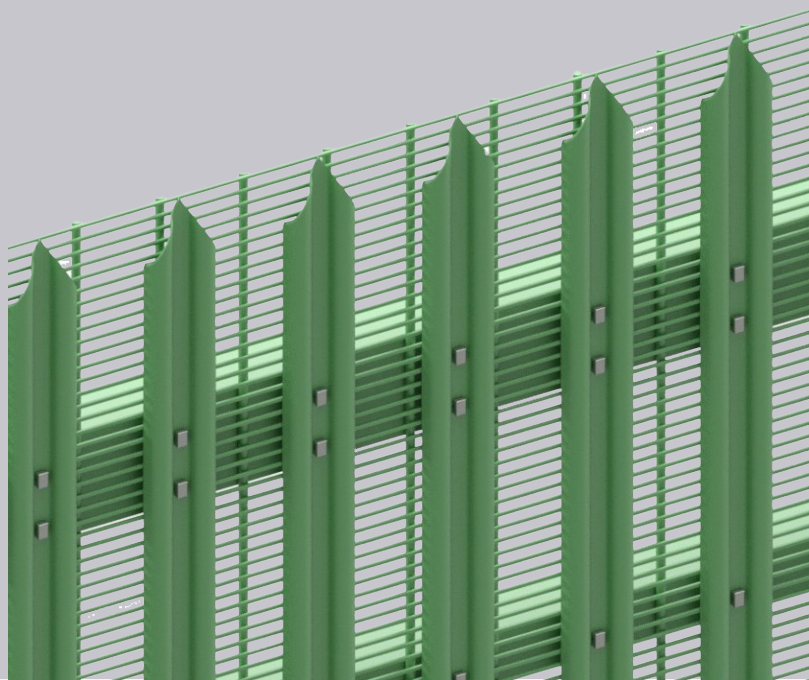


CLA GuardSAFE Defend SR3 (C5) CombiGuard Product Data Sheet

Complies to LPS 1175 SR3 (C5) Issue 8, BS1722:Part12 &14 and other British Standards as denoted below. A rigid system fence comprising of Ten X mesh fencing panel sandwiched between 2.5mm nominal thickness vertical palings and supported by RSA (Rolled Steel Angle) Rails, installed on IPE posts (I-beam Profile European) and UB (Universal Beam) posts as denoted by height.



Suitable For Use in:

- Mental Health Facilities
- Utility Suppliers
- Prisons
- Sensitive Data Sites
- Commercial And Industrial Premises.

Product Data Sheet Information

Palisade Panel and Framework

Palisade Panel	19no. Single 2.5mm nominal thickness palings per standard bay mounted onto various configurations of RSA rails (100x50x6mm or 50x50x5mm attached to IPE or UB posts via welded fishplates or loose cleats. A 10X mesh panel is fitted between the angle rails and palings.
Nominal Fence Height	2400mm - 5200mm (Palisade Pales only up to and including 3000mm heights.)
Bottom Edge Protection	Recommended average gap max. 25mm.
Panel Width	2525mm max. between posts.
Post Centres	2535mm max. centre of post to centre of post whether 100x55 IPE, 127x76UB or 152x89UB.
Pale Spacing Layout	19no. Pales per standard 2535mm wide bay
Top Edge Protection	Triple pointed top or Single pointed tops.
Pale Steel Grade	D11 self-colour.
Pale Protective Coatings	Hot Dip Galvanised to BS EN 1461:2005 All base plated posts are galvanised to BS EN 1461:2005 Polyester Powder Coated to BS EN 13438:2005 (min. 100 microns thickness) Standard Colours RAL6005 Green and RAL9005 Black.
Post Sections and Length	The sections are as follows: - 100x55x6.72Kg/m IPE for heights from 2400mm - 2900mm, all dimensions and sizes are nominal. 127x76x13kg/m UB for heights from 3000mm - 3900mm, all dimensions and sizes are nominal. 152x89x16Kg/m UB for heights from 4000mm - 5200mm, all dimensions and sizes are nominal.
Post Steel Grade	S275JR

Product Data Sheet Information (Continued)

Post Protective Coatings	Hot Dip Galvanised to BS EN 1461:2005 All base plated posts are galvanised to BS EN 1461:2005 Polyester Powder Coated to BS EN 13438:2005 (min. 100 microns thickness) Standard Colours RAL6005 Green and RAL9005 Black
Fishplates and Cleats	Manufactured from 30x5 RSF (Rolled Steel Flat).
Fishplates Steel Grade	S235JR
Fishplate Protective Coatings	Hot Dip Galvanised to BS EN 1461:2005 Polyester Powder Coated to BS EN 13438:2005 (min. 100 microns thickness) Standard Colours RAL6005 Green and RAL9005 Black

Framework

Rails	50x50x5mm RSA – Varying from 5 – 8no. subject to height as fence, 2515mm long o/a per standard bay. 100x50x6mm RSA – 2no. 2515mm long o/a per standard bay all heights.
Rail Steel Grade	S235JR
Rail Protective Coatings	Hot Dip Galvanised to BS EN 1461:2005 Polyester Powder Coated to BS EN 13438:2005 (min. 100 microns thickness) Standard Colours RAL6005 Green and RAL9005 Black

Fittings

Pale to Rail	M8 x 40mm 8.8 grade galvanised T head bolts c/w M8 galvanised security nut.
Rail to Welded cleat or loose cleat	M10 x 30mm 8.8 grade galvanised cup square bolt c/w M10 galvanised security nut.
Stabillising Top Rail Fixings	3mmx50mm square washers- Zinc plated finish. M8x30 Cup Square bolts c/w Security nuts galvanised finish.

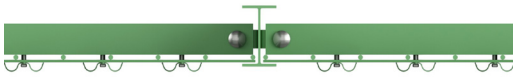
NOTE T head bolts, Cups square bolts and security nuts are only supplied in a galvanised finish and the Square washers Zinc plated.

Mesh

Panel	Single 4mm diameter horizontal wire and 10mm vertical wires welded at their intersections.
Nominal Fence Height	2400mm - 5200mm Mesh to extend above 3000mm high palisade fencing.
Bottom Edge Protection	Recommended average gap 15mm, Maximum gap 100mm.
Wire Grade	SAE 1008 BS4102:1998 pre galvanised.
Panel Width	Recommended average gap 15mm, Maximum gap 100mm.
Wire Spacing Layout	76.2mm x 12.7mm
Top Edge Production	Flat top no protrusions
Wire Protective Coatings	Pre galvanised with a zinc coat weight conforming to BS EN 10244-2:2009. Polyester Powder Coated to BS EN 13438:2005 (min. 100 microns thickness) Standard Colours RAL6005 Green and RAL9005 Black.

NOTE All details will be provided on request, and sizes can be altered to customers requests subject to being greater than the nominal arrangements.

System Details



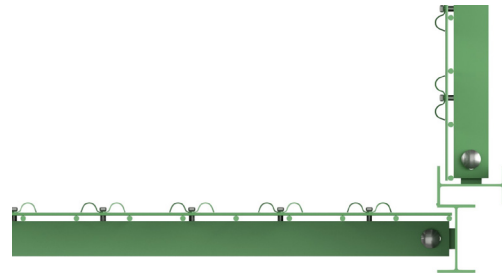
Plan Of Inter Post



Plan Of End Post



Plan Of External Corner



Plan Of Internal Corner

NOTES

The above fencing is manufactured and should be installed in accordance with BS1722:Part 12 and 14 and LPS 1175 Issue 8. Foundation types and sizes are indicative of either BS1722: Part 12 and 14 or our own specifications and have been designed for nominal ground conditions and wind loading. We take no responsibility for individual situations and recommend that you check with an appropriate qualified Structural Engineer before installation.

We reserve the right to change the above product and material specifications at any time subject to notification.