

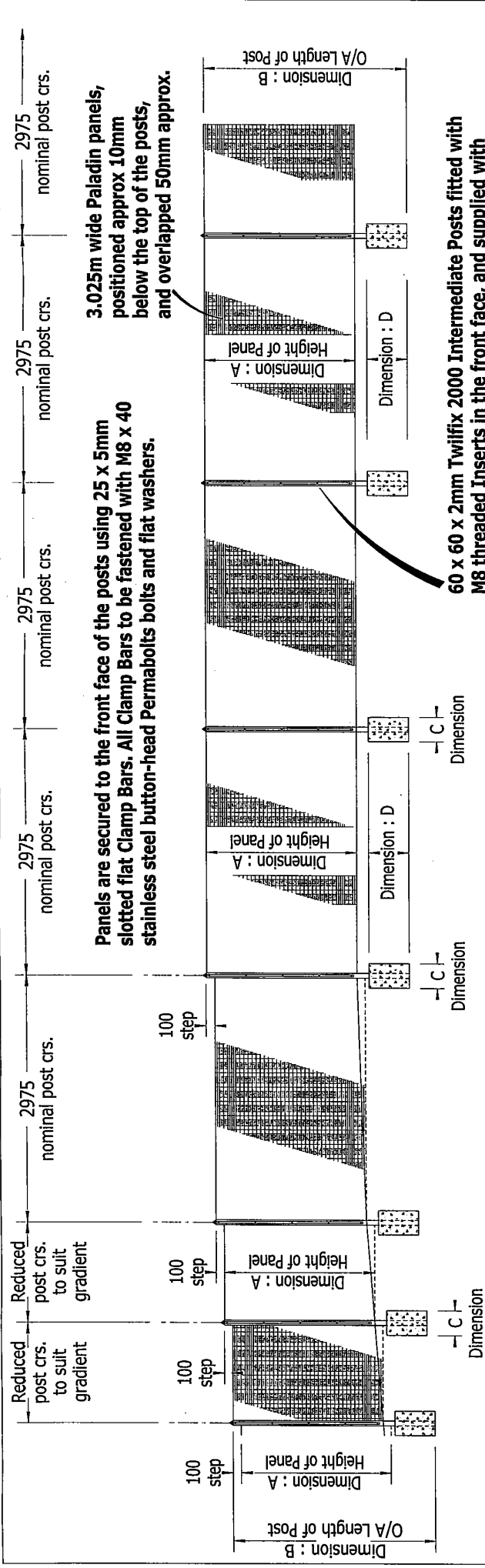
**TYPICAL POST AND PANEL FIXING DETAIL**

**STEPPING DETAIL FOR SLOPING GROUND**

**PLAN VIEW ON INTERMEDIATE POST**

**PLAN VIEW ON 90° CORNER POST**

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	<p><b>PALADIN</b></p>			<p>REV</p>	<p>REV</p>



3.025m wide Paladin panels, positioned approx 10mm below the top of the posts, and overlapped 50mm approx.

60 x 60 x 2mm Twifix 2000 Intermediate Posts fitted with M8 threaded Inserts in the front face, and supplied with black plastic Pyramid top caps for fitting on-site.

**Corner posts**

Corner posts are available for Standard 90° external and internal corners. Obtuse corners are achieved using standard Intermediate posts. End posts are not required.

**Gradients**

All standard Intermediate & Corner posts are fitted with 2no. additional threaded inserts at the top & bottom to facilitate 100mm steps between adjoining panels. Different gradients are achieved by reducing the post centres and width of panel to suit, i.e.:

- 3000 wide standard panel with 100mm step : 1 in 30 (3.3%) (1.99)
- 2500 wide standard panel with 100mm step : 1 in 25 (4%) (2.39)
- 2000 wide site-cut panel with 100mm step : 1 in 20 (5%) (2.99)
- 1500 wide site-cut panel with 100mm step : 1 in 15 (6.6%) (3.89)
- 1000 wide site-cut panel with 100mm step : 1 in 10 (10%) (5.79)

Steeper slopes will require made-to-order extra long posts, manufactured with additional threaded inserts to suit the stepping required between adjoining panels to suit each gradient.

**Notes**

The preferred method of installation is : Post - Panel - Post - Panel, etc. Bolts may be installed using a Power-Driver and Power-Bit if preferred. When using hand tools, care must be taken to avoid over tightening of bolts.

Concrete Foundations must not be leaner by mass than 1 part cement to 10 parts 20mm nominal size graded aggregates, and must be thoroughly compacted prior to the initial set.

All Paladin panels are supplied to site in a standard width of 3025mm. Panels for make-up bays are to be cut to suit on site, and made good using a Zinc Etch Primer paint, followed by a top coat of Cromadex 222 polyurethane repair paint.

Dim : A Panel Height	Number of Beams	Dim : B Length Of Post	Dim : C Size Of Found's	Dim : D Depth Of Found's	Fixings	Fixings
					Level Ground	Sloping Ground
925mm	2no.	1500mm	300mm	300mm	3no.	3no.
1240mm	2no.	1800mm	300mm	400mm	4no.	4no.
1850mm	2no.	2500mm	300mm	500mm	5no.	5no.
2040mm	3no.	2500mm	300mm	500mm	5no.	5no.
2440mm	3no.	3100mm	450mm	500mm	7no.	7no.

**IMPORTANT NOTE :** The Foundation sizes indicated are nominal only and may require modification to suit the prevailing ground conditions on site.

The Paladin fencing system generally satisfies the requirements for Category : 1 (General Purpose) & Category : 2 (Security) fences as prescribed by B.S. 1722 Part : 14 - Open Mesh Steel Panel Fences

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