

**TYPICAL POST AND PANEL FIXING DETAILS
FOR LEVEL GROUND**

PLAN VIEW ON 90° CORNER POST

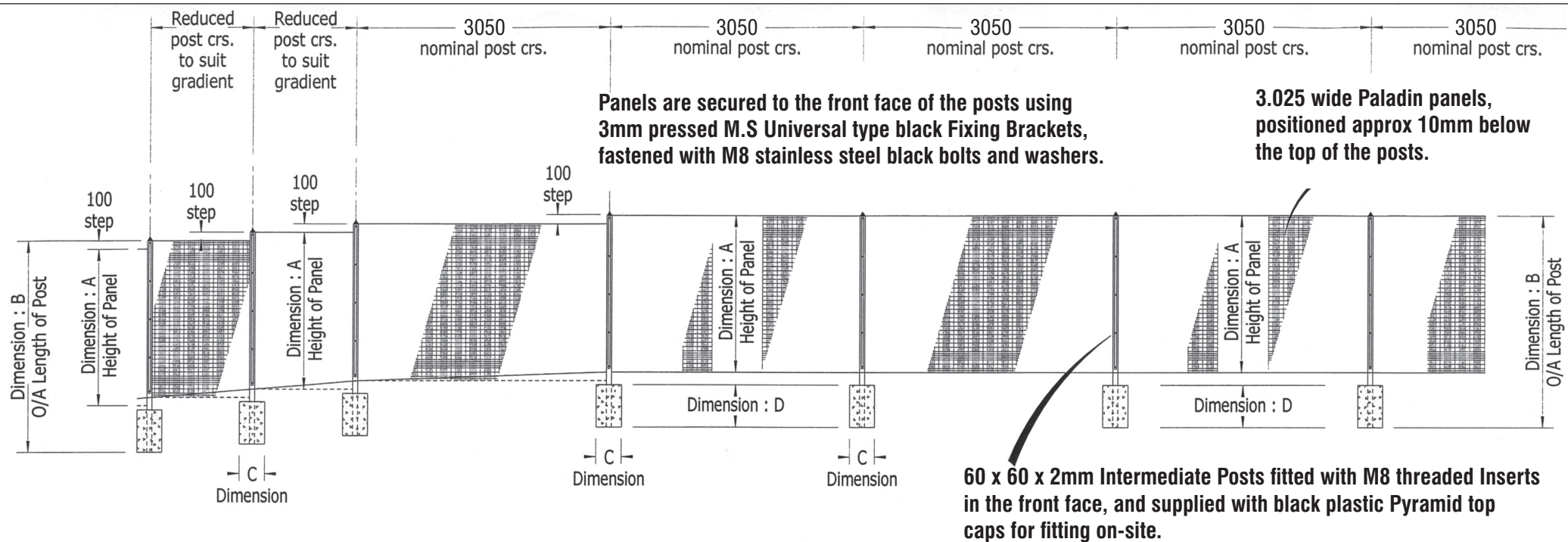
100mm STEP BETWEEN ADJOINING PANELS



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**PALADIN WITH
FIXING BRACKET**



Corner posts

Corner posts are available for standard 90° external and internal corners. Obtuse corners are achieved using 2no. intermediate posts cast into the same foundation, positioned at the required angle. End posts are not required

Gradients

Different gradients are achieved by reducing the post centres and width of panel to suit, i.e.

3025 wide standard panel 100mm step: 1 in 25.5 (3.9%) (2.25°)

1956 wide site-cut panel with 100mm step: 1 in 17.1 (5.8%) (3.35°)

1422 wide sit-cut panel with 100mm step: 1 in 12.5 (8.0%) (4.55°)

1067 wide site-cut panel with 100mm step: 1 in 8.7 (11.5%) (6.53°)

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.

Paladin Panels		Posts			Universal Fixing Brackets		IMPORTANT NOTE: The Foundation sizes indicated are to suit 'normal' ground conditions 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'
Dim: A Fence Height	Number of Beams	Dim : B Length Of Post	Dim : C Size Of Founds	Dim : D Depth Of Founds	Total Level Panels	Total Stepped Panels	
1.8m	2no.	2500mm	300mm	500mm	4no.	6no.	
2.0m	3no.	2700mm	300mm	500mm	4no.	6no.	
2.4m	3no.	3100mm	450mm	500mm	5no.	7no.	



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