

TYPICAL POST AND PANEL FIXING DETAILS FOR LEVEL GROUND



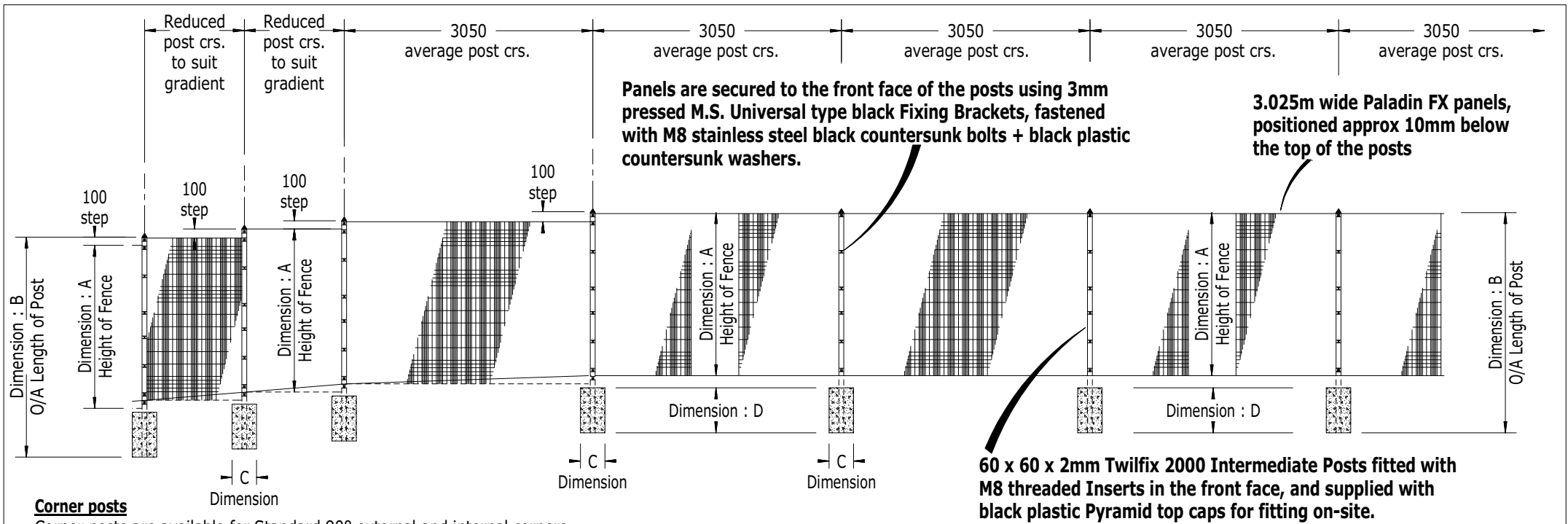
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PALADIN "FX"

Drawn MJH
Date 05.08.05

Drawing No : **PP-05-B** REV



Corner posts

Corner posts are available for Standard 90° external and internal corners, and are also used for obtuse external and internal corners. 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, ie :

3025 wide standard panel with 100mm step : 1 in 30.5 (3.3%) (2°)

1956 wide site-cut panel with 100mm step : 1 in 19.8 (5.1%) (3°)

1422 wide site-cut panel with 100mm step : 1 in 14.5 (6.9%) (4°)

1067 wide site-cut panel with 100mm step : 1 in 10.9 (9.2%) (6°)

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 FX 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 FX Panels		Twilfix 2000 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 FX fencing system generally satisfies the requirements for : Category : 1 (Genral 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 Found's	Dim : D Depth Of Found's	Total Level Panels	Total Stepped Panels	
0.9m	2no.	1500mm	300mm	300mm	3no.	5no.	
1.2m	2no.	1800mm	300mm	400mm	4no.	6no.	
1.8m	2no.	2500mm	300mm	500mm	5no.	7no.	
2.0m	3no.	2700mm	300mm	500mm	6no.	8no.	
2.4m	3no.	3100mm	450mm	500mm	7no.	9no.	

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Drawing No :

PP-05-A

REV