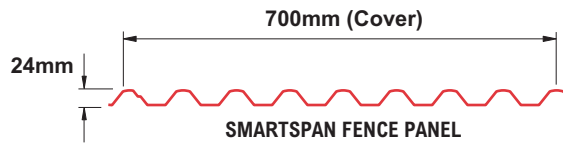


# CYCLONIC GOOD NEIGHBOUR® FENCING (REGION D)

## PRODUCT SPECIFICATIONS

- 0.35mm BMT Zinc Aluminium coated Steel
- 0.35mm BMT Pre-painted colour steel
- Heights Available: 900mm, 1200mm, 1500mm & 1800mm



## DESIGN DATA

### COLUMN TYPES

H = 900mm / 1200mm		POSTS REQUIRED
REGION	CATEGORY	
D	2	1
D	2.5	1
D	3	1

H = 1500mm		POSTS REQUIRED
REGION	CATEGORY	
D	2	2
D	2.5	2
D	3	2

H = 1800mm		POSTS REQUIRED
REGION	CATEGORY	
D	2	3
D	2.5	3
D	3	3

Additional Post + GNF Standard Post:

1. 75x50x3.0mm
2. 75x75x3.0mm
3. 100x50x4.0mm

Note: All posts to be min G450.

### FOOTING SIZES (mm)

REGION	900mm/1200mm	1500mm	1800mm
D	300x1200	300x1250	300x1400

Note: All footings are circular and suitable for sandy soil

## DESIGN CRITERION

Post & footing sizes are based on calculations using design wind pressures determined in accordance with AS/NZS 1170.2. The following design criteria have been used: Design Wind Speed (Region D): 81m/s based on a 250 year Return Period

- Mz cat (2.0) - 0.90
- Mz cat (2.5) - 0.85
- Mz cat (3.0) - 0.80
- Ms = Mt = 1.0
- Md = 0.95
- Cp(max) = 1.2 for non-free end  
= 2.4 for a distance 2H from free ends

## FIXING DETAILS

Fence Track Stiffener to be inserted in both top and bottom fence tracks.

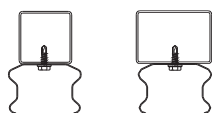
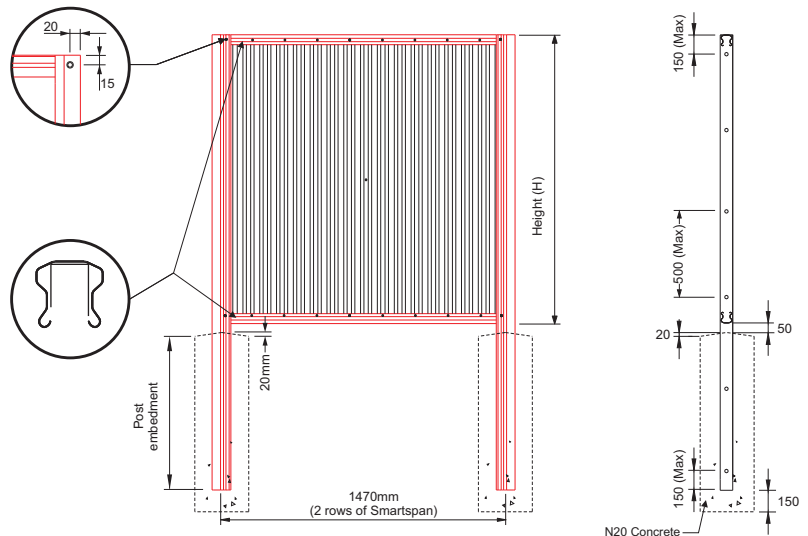
Fence tracks are to be fixed to the post with one 14x22mm self drilling screw on each side.

Sheets are to be fixed to the tracks with one 10x25mm self drilling screw at every second rib.

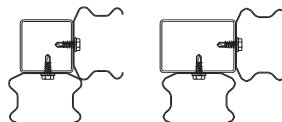
Secure sheet overlap with 3mm rivets mid-span for 900 and 1200mm high fences and with two 3mm rivets evenly spaced for 1500mm and 1800mm high fences.

Posts are to be fixed to each other using 14x22mm self drilling screws at a maximum spacing of 500mm.

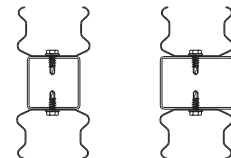
All screws must have Class 4 corrosion resistance.



End Posts



Corner Posts



Internal Posts



### WESTERN AUSTRALIA

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