

Corus Vetex N2AW3 3.2m Single Sided Safety Barrier



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Containment Level	Vehicle Impact Test					Class of Working Width	Level of Working Width W1
	Test	Impact Speed (km/h)	Impact Angle (degrees)	Vehicle Mass (t)	Vehicle Type		
Normal Containment							
N1	TB 31	80	20	1.5	Car	W1	< 0.6m
N2	TB 32	110	20	1.5	Car		
Higher Containment							
H1	TB 42	70	15	10.0	Rigid HCV	W2	< 0.8m
H2	TB 51	70	15	13.0	Bus	W3	< 1.0m
H3	TB 61	80	20	16.0	Rigid HCV	W4	< 1.3m
Very High Containment							
H4a	TB 71	65	20	30.0	Rigid HCV	W5	< 1.7m
H4b	TB 81	65	20	38.0	Articulated HCV	W6	< 2.1m

Impact Severity Level	Index Values		
	ASI (Acceleration Severity Index)	THIV (Theoretical Head Impact Velocity)	PHD (Post Head Deceleration)
A	< 1.0	< 33 km/h	< 20g
B	< 1.4	< 33 km/h	< 20g

W1	< 0.6m
W2	< 0.8m
W3	< 1.0m
W4	< 1.3m
W5	< 1.7m
W6	< 2.1m
W7	< 2.5m
W8	< 3.5m

Corus Vetex N2AW3 3.2 m

Single Sided Safety Barrier



Vetex corrugated beam, 3mm thickness on 210 x 49 mm Z posts. Long driven post 2000mm - Embedment in ground 1300 mm. Extra long driven post 2250mm - Embedment 1550mm. Hot dip galvanising in accordance with EN ISO 1461.

All nuts and bolts in accordance with Corus drawing VC70C. All washers manufactured to EN ISO 7089-7091. The barrier system is to be installed by trained and certified Vetex installers in accordance with manufacturers drawings.

Notes:

1. For details of alternative posts, foundations and fixings see Fig 1.
2. This type of barrier shall not be used where the full height length (excluding P1's & P4's) is less than 20m.
3. This type of barrier shall not be used on curves of radius less than 100m. For radii less than 100m. contact Corus Cep.
4. Where a kerb is required the preferred height is 75mm. max height is 125mm.

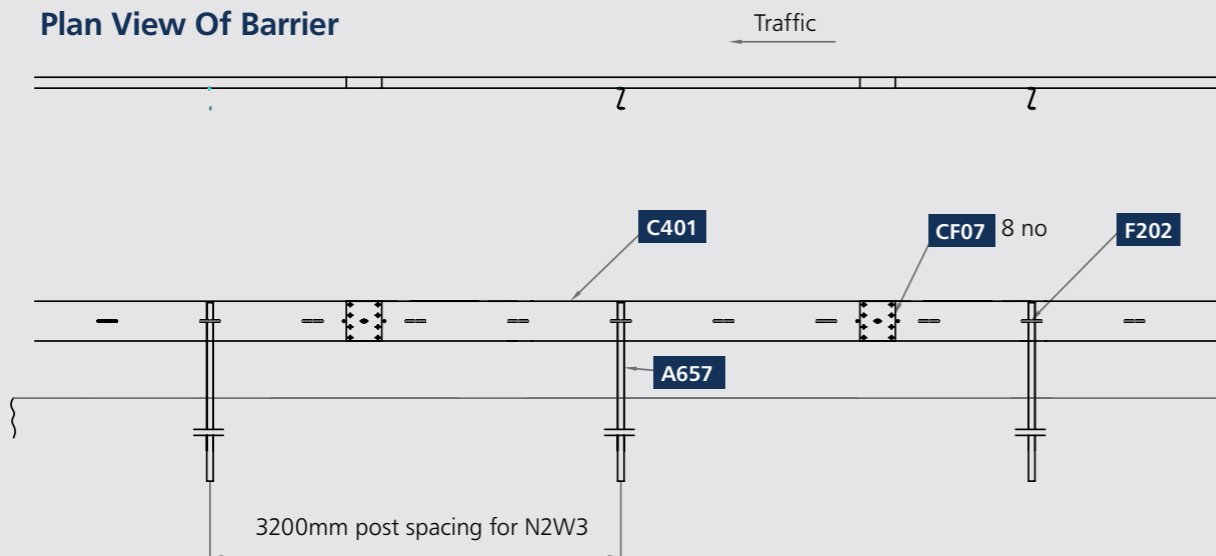
Performance

Containment Level	N2
Acceleration Severity Index "ASI"	A
Working Width	W3 (1.0 m)

Dimensions

Height (Centre of Beam)	600 +/- 30mm
Overall Width	310 mm
Beam Type	C401
Post Type	A657
Post Centres	3.2 m

Plan View Of Barrier



Side View Of Barrier

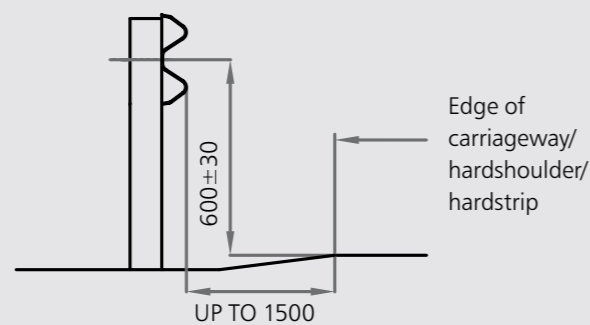


Fig 1

