

VGSH 2000 - H2 / W3



The **VGSH 2000** steel parapet is a modular design and consists of 4 or 5 horizontal rail sections located to supporting posts at a heights of 1.250m and 1.8m. Rails can be pulled to a radii of 75m on site without the need and cost of specialised curving and accommodate a vertical alignment of +/- 6 degrees without modifications.

The VGSH 2000 is tested on a **VGSH 2000**

450mm edge beam to demonstrate that the system performs on actual bridge dimensions.

Constructed from high grade steel the VGSH range is galvanised to ISO 1461 to provide a corrosion resistant system.

Unfactored moment resistance of post at underside of baseplate = 42.245kNm

Ultimate shear force resistance of post = 307.44 kN

Size of holding down bolts = M20

Anchorage Centres = 180mm longitudinally x 180mm transversely

Standard	EN 1317				
Containment Level	H2				
Working Width	W3				
Impact Severity	B				
System Height	1.250m -1.80m				
Post Centres	2m				
Plinth Height	50mm minimum				
Grout	10-30mm				
Containment Level	Test	Speed km/h	Angle	Mass kg	Vehicle
H2	TB 11	100	20	900	Car
	TB 51	70	20	13000	Bus