

BRIDGE PARAPET BP.ID-H3/02



PERFORMANCE PARAMETERS

Containment Level	H3	 TB61	 TB11
Severity Index	B		
Working Width	W2		
NORM EN 1317			

STANDARDS

EN 1317	Road Restraint Systems
EN ISO 1461	Hot Dip Galvanized Coatings
EN ISO 14713	Protection against corrosion of iron and steel on structures
EN 10025	Hot Rolled Products of Structural Steels

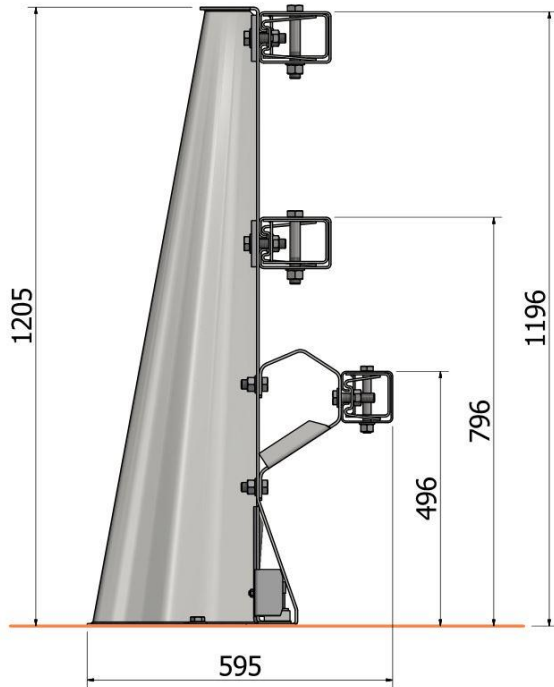
APPLICATIONS

Bridges deck sides, viaducts, retaining walls and other similar works

ADDITIONAL REMARKS

Materials: Steel S235JR, S275JR and S355JR

Anchorage system by means of fusible screws insures that the bridge deck will not suffer any damage in case of impact by a vehicle.



Containment Level	H3
Severity Index	B
Working Width	W2
Dynamic Deflection	0,5

BRIDGE PARAPET BP.ID-H3/02

PERFORMANCE PARAMETERS

High Containment steel parapet designed for being installed on structures such as bridges, viaducts, retaining walls and any other permissible application with a concrete footing.

ADVANTAGES

Anchorage system by means of fusible screws insures that the bridge deck will not suffer any damage in the case of impact by a vehicle. In the event of vehicle impact this energy absorbing bridge parapet is designed with specific key features to avoid damage to the bridge deck or concrete foundation, which makes for a cost effective and easier maintenance. The superior design of energy absorbing spacers strategically located between the post and lower rail enables the controlled redirection of light vehicles thus maintaining a low severity index reading whilst always maintaining its higher containment classification.

MATERIALS

Steel S235JR, S275JR and S355JR as per EN 10025

DURABILITY

Hot Dip Galvanization as per EN ISO 1461.

CRASH TESTS (AS PER EN 1317)



Test: TB11 (car 900 Kg., 100 Km/h, 20°)
Code: E09-0026
Laboratory: Foundation CIDAUT (Valladolid – Spain)



Test: TB61 (lorry 16.000 Kg., 80 Km/h, 20°)
Code: E08-4323
Laboratory: Foundation CIDAUT (Valladolid – Spain)