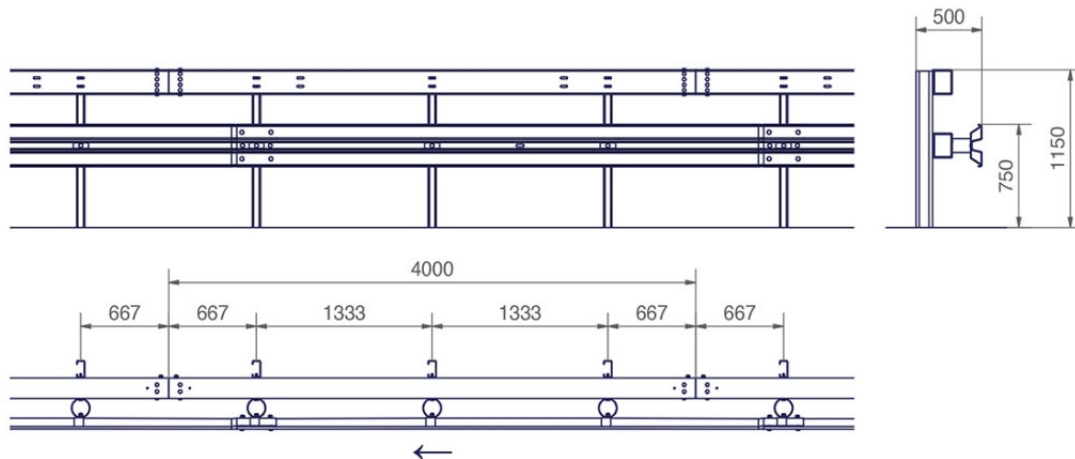




Super-Rail

Dated: 20.10.2020



The single-sided vehicle restraint system for installation on driven posts is composed of galvanised components acc. to RAL-RG 620. The lengths of the beams and posts as well as the dimensions of the deformation tubes determine the shape of each segment. The system is characterised by its beams of 4 m length and a post spacing of 1,33 m. The open box beams are fixed to the posts by clamping connections at the rear. The open box beams are connected by butt joint connectors positioned inside of the beams. The joints of the guardrail beams overlap in direction of traffic. They are connected to each other by multiple screwings and fixed to the lower box beams by deformation tubes.

<i>System Name</i>	Super-Rail
<i>CE Certificate of Performance</i>	0139-CPR-2010
<i>Initial Type Tests</i>	TB11: BAST 1995 7D 10 TB51: BAST 1995 7D 11 TB81: BAST 2004 7D 15
<i>Typical Material</i>	Steel S235 JR
<i>System Width</i>	0,50 m
<i>System Height (from Road Surface)</i>	1,15 m
<i>System Length (Unit)</i>	4,00 m
<i>Weight per m of System Length</i>	71,7 kg (A) 70,7 kg (B)
<i>Installation Length</i>	40 m
<i>Tested Installing Method</i>	driven posts

Performance acc. to EN 1317

Containment Level	N2 H2/L2 H4b/L4b
Working Width	W2 W4 W7 (W_N = 0,8 m 1,3 m 2,3 m)
Impact Severity Level	A
Dynamic Deflection	D_N = 0,5 m 0,8 m 2,0 m
Vehicle Intrusion	H2/L2: VI4 H4b/L4b: VI7 (V_N=1,3 m 2,5 m)
Resistance Class Snow Removal	3

*) NPD = no performance determined