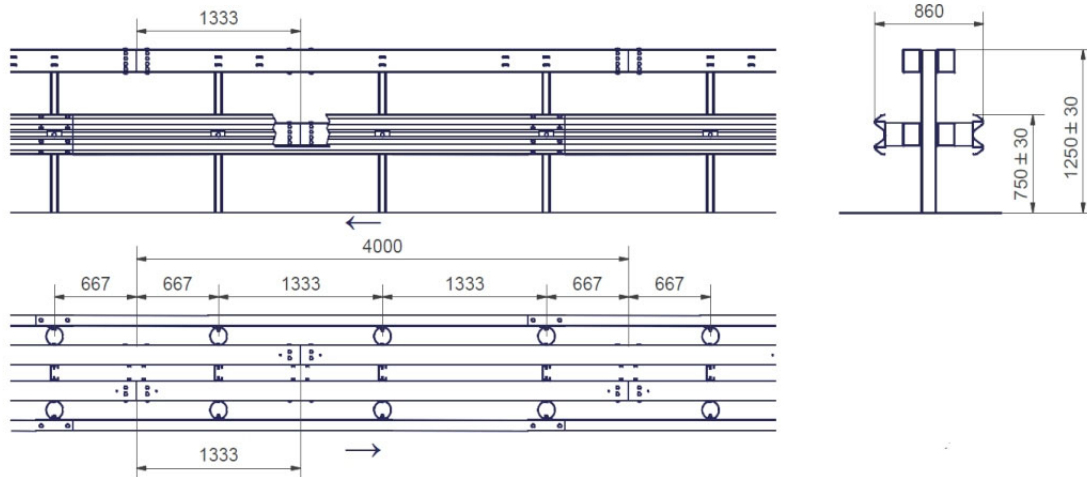




Super-Rail DS H4b

Dated: 02.12.2020



The double-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 butt joints of the open box beams are off-set by 1.33 m. The 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 double-sided H4b
<i>CE Certificate of Performance</i>	0044-CPR-2011
<i>Initial Type Tests</i>	TB11: PSG 37 (TSR Engineering GmbH, 2004) TB51: PSG 38 (TSR Engineering GmbH, 2004) TB81: X53.08.K11 (TÜV Süd GmbH, 2011)
<i>Typical Material</i>	Steel S235 JR
<i>System Width</i>	0,86 m
<i>System Height (from Road Surface)</i>	1,25 m
<i>System Length (Unit)</i>	4,00 m
<i>Weight per m of System Length</i>	124,8 kg (A) 122,8 kg (B)
<i>Installation Length</i>	76 m
<i>Tested Installing Method</i>	driven posts

Performance acc. to EN 1317	
Containment Level	N2 H4b L4b
Working Width	W4 W5 W5 (W_N = 1,1 m 1,5 m 1,5 m)
Impact Severity Level	B
Dynamic Deflection	D_N = 0,3 m 0,9 m 0,9 m
Vehicle Intrusion	H4b/L4b: VI7 (V_{IN}=2,5 m)
Resistance Class Snow Removal	3

*) NPD = no performance determined