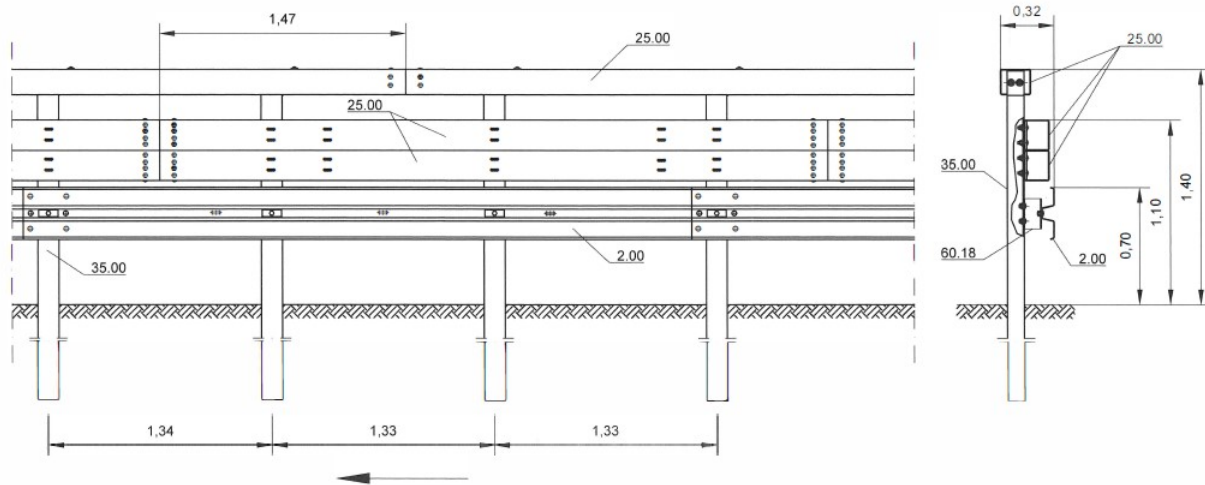




Super-Rail Pro

Dated: 27.10.2020



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.

System Name	Super-Rail Pro
CE Certificate of Performance	0531-CPR-1317-2668
Initial Type Tests	TB11: 11141-2803 18511 (crashtest-service, 2017) TB32: 11141-2803 18504 (crashtest-service, 2017) TB81: 11141-2803 18502-2 (crashtest-service, 2020)
Typical Material	Steel S235 JR
System Width	0,32 m
System Height (from Road Surface)	1,40 m
System Length (Unit)	4,00 m
Weight per m of System Length	100,2 kg (A) 99,2 kg (B)
Installation Length	60 m
Tested Installing Method	driven posts

Performance acc. to EN 1317	
Containment Level	N2 H4b L4b
Working Width	W1 W4 W4 (W _N = 0,5 m 1,3 m 1,3 m)
Impact Severity Level	B
Dynamic Deflection	D _N = 0,2 m 1,1 m 1,1 m
Vehicle Intrusion	H4b/L4b: VI9 (V _I _N =3,6 m)
Resistance Class Snow Removal	3

*) NPD = no performance determined