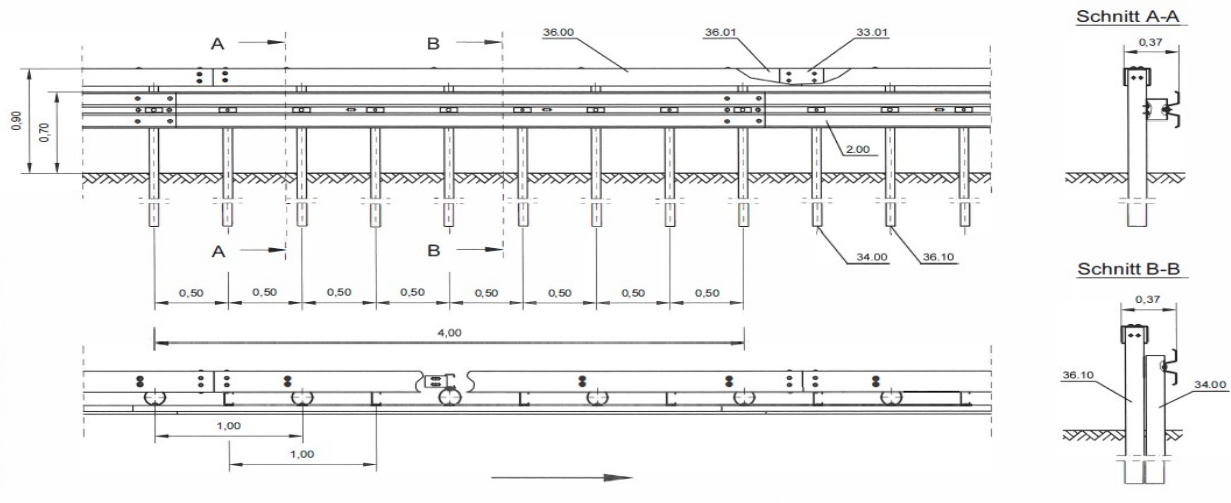




Super-Rail Eco HS

Dated: 30.10.2020



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 brackets determine the shape of each segment. The system is characterised by its beams of 4,00 m length and a post spacing of 0,50 m. The open box beams are fixed to the posts by fastening angles. 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 posts directly or by deformation tubes.

System Name	Super-Rail Eco HS
CE Certificate of Performance	0531-CPR-1317-2003
Initial Type Tests	TB11: 1133-2318 17322 (crashtest-service, 2013) TB32: No. 1871 (aisico, 2019) TB52: 1133-2317 17291 (crashtest-service, 2013)
Typical Material	Steel S235 JR, S355 JR
System Width	0,37 m
System Height (from Road Surface)	0,90 m
System Length (Unit)	4,00 m
Weight per m of System Length	84,5 kg (A) 83,5 kg (B)
Installation Length	36 m
Tested Installing Method	driven posts

Performance acc. to EN 1317	
Containment Level	N2 H2 L2
Working Width	W1 W2 W2 (W _N = 0,5 m 0,8 m 0,8 m)
Impact Severity Level	B
Dynamic Deflection	D _N = 0,3 m 0,6 m 0,6 m
Vehicle Intrusion	H2/L2: VI2 (V _{IN} =0,8 m)
Resistance Class Snow Removal	3

*) NPD = no performance determined