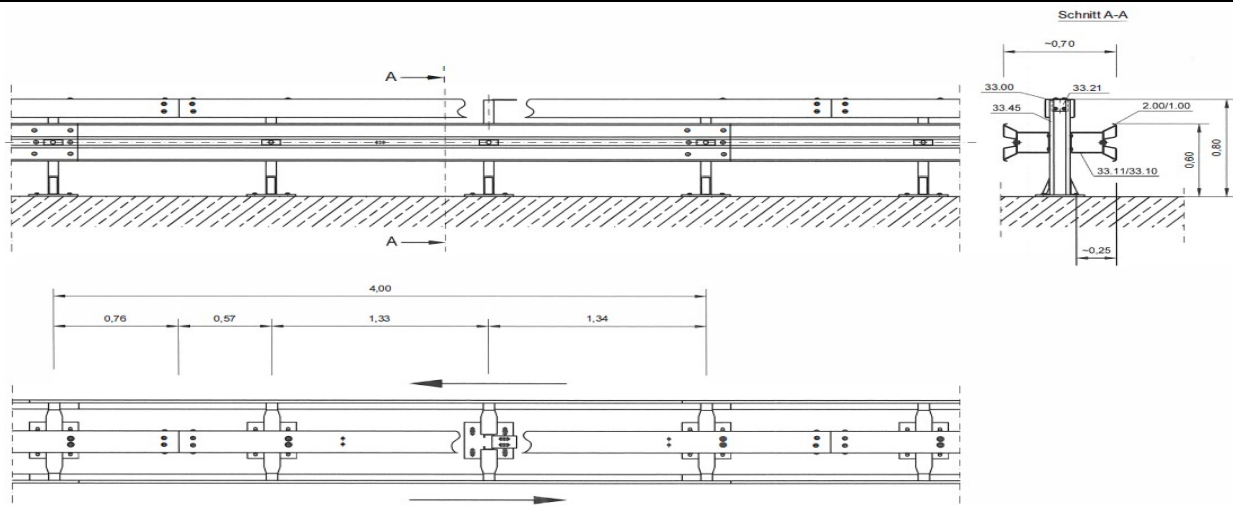




Super-Rail Eco OS DS

Dated: 28.10.2020



The double-sided vehicle restraint system for installation on structures 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 m length and a post spacing of 1,33 m. The posts are fixed to the structure by 4 chemical anchors or by pre-cast anchors. 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 by deformation brackets.

System Name	Super-Rail Eco on structure double-sided
CE Certificate of Performance	0531-CPR-1317-0482
Initial Type Tests	TB11: X53.06.J09 (TÜV Süd GmbH, 2009) TB51: X53.07.J09 (TÜV Süd GmbH, 2009)
Typical Material	Steel S235 JR, S355 JR
System Width	0,70 m
System Height (from Road Surface)	0,90 m
System Length (Unit)	4,00 m
Weight per m of System Length	62,4 kg (A) 60,4 kg (B)
Installation Length	60 m
Tested Installing Method	on structure

Performance acc. to EN 1317	
Containment Level	H2
Working Width	W4 ($W_N = 1,3$ m)
Impact Severity Level	B
Dynamic Deflection	$D_N = 0,9$ m
Vehicle Intrusion	VI5 ($V_{IN} = 1,4$ m)
Resistance Class Snow Removal	3

*) NPD = no performance determined