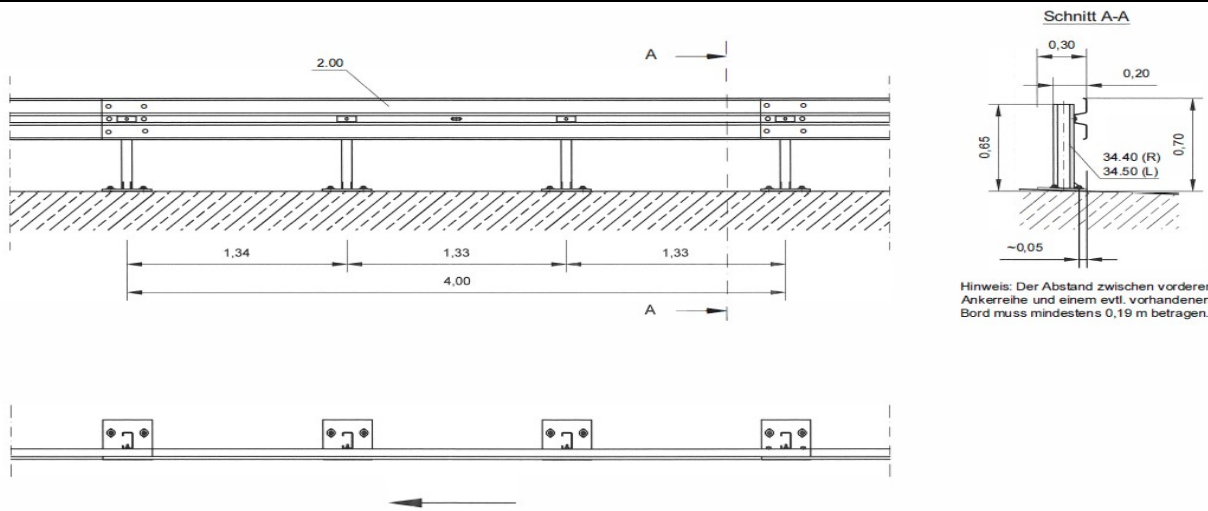




Eco-Safe OS

Dated: 30.10.2020



The single-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 determine the shape of each segment. The system is characterised by its beams of 4,00 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 joints of the guardrail beams overlap in direction of traffic. They are connected to each other by multiple screwings and fixed directly to the posts. The standard distance between the system's front and the kerb is 0,5 m.

System Name	Eco-Safe on structure
CE Certificate of Performance	0531-CPR-1317-1979
Initial Type Tests	TB11: SSP16002(VSI TU Graz, 2016) TB32: SSP16003(VSI TU Graz, 2016) TB42: SSP16001(VSI TU Graz, 2016)
Typical Material	Steel S355 JR, S235 JR
System Width	0,20 m
System Height (from Road Surface)	0,80 m
System Length (Unit)	4,00 m
Weight per m of System Length	26,3 kg (A) 25,4 kg (B)
Installation Length	36 m
Tested Installing Method	on structure

Performance acc. to EN 1317	
Containment Level	N2 H1 L1
Working Width	W1 W2 W2 (W _N = 0,6 m 0,8 m 0,8 m)
Impact Severity Level	A
Dynamic Deflection	D _N = 0,5 m 0,6 m 0,6 m
Vehicle Intrusion	H1/L1: VI7 (V _N =2,4 m)
Resistance Class Snow Removal	3

*) NPD = no performance determined