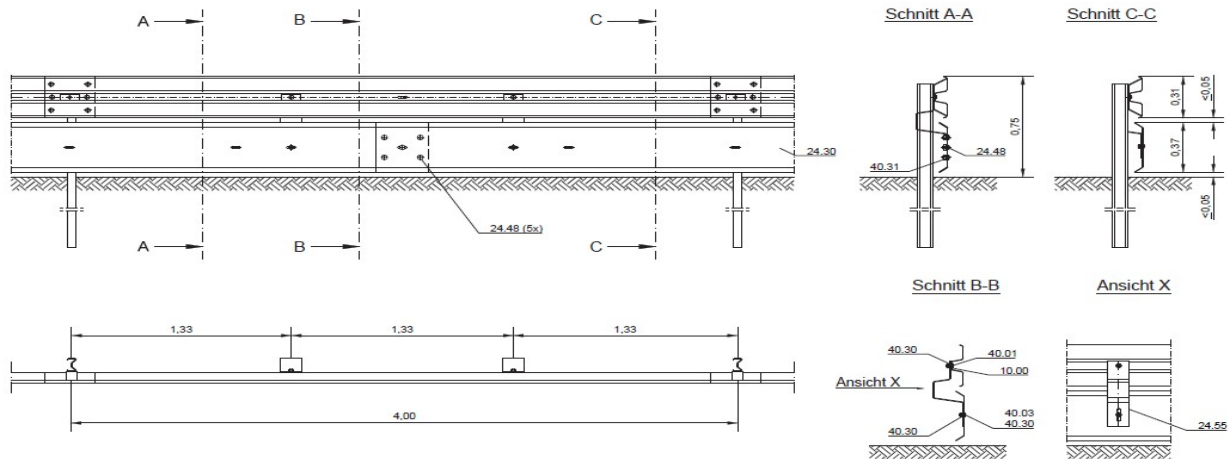




ESP 4.00 UFS

Dated: 28.10.2020



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 determine the shape of each segment. The system is characterised by its guardrail beams and under-ride protection elements of 4 m length each and a post spacing of 4,00 m. For under-ride protection, an additional steel beam fixed to the posts by fastening brackets. 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 together with support brackets. The under-ride protection beams are overlapping in the middle of the guardrail beam above.

<i>System Name</i>	ESP 4.00 with under-ride protection
<i>CE Certificate of Performance</i>	0531-CPR-1317-2367
<i>Initial Type Tests</i>	TB11: BAST 2002 7D 18 TB32: BAST 2002 7D 19
<i>Typical Material</i>	Steel S235 JR
<i>System Width</i>	0,18 m
<i>System Height (from Road Surface)</i>	0,75 m
<i>System Length (Unit)</i>	4,00 m
<i>Weight per m of System Length</i>	27,1 kg (A) 26,1 kg (B)
<i>Installation Length</i>	60 m
<i>Tested Installing Method</i>	driven posts

Performance acc. to EN 1317	
Containment Level	N2
Working Width	W5 (W_N = 1,7 m)
Impact Severity Level	A
Dynamic Deflection	D_N = 1,5 m
Vehicle Intrusion	--
Resistance Class Snow Removal	1

*) NPD = no performance determined