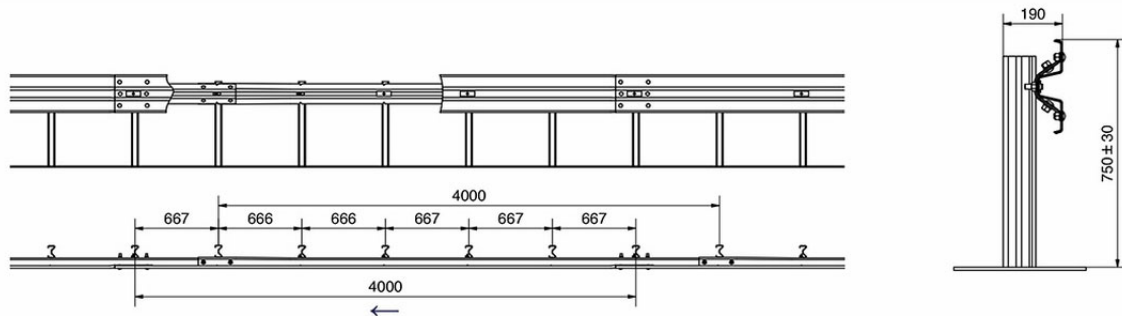




# ESP Plus W1

Dated: 20.10.2020



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 beams of 4 m length and a post spacing of 0,66 m. 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 the reinforcement beams.

<i>System Name</i>	ESP Plus W1
<i>CE Certificate of Performance</i>	0176-CPR-2010
<i>Initial Type Tests</i>	TB11: PSG 68 (TSR Engineering GmbH, 2010) TB32: PSG 67 (TSR Engineering GmbH, 2010)
<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>	41,7 kg (A)   40,9 kg (B)
<i>Installation Length</i>	40 m
<i>Tested Installing Method</i>	driven posts

## Performance acc. to EN 1317

<b>Containment Level</b>	<b>N2</b>
<b>Working Width</b>	<b>W1 (W<sub>N</sub> = 0,6 m)</b>
<b>Impact Severity Level</b>	<b>B</b>
<b>Dynamic Deflection</b>	<b>D<sub>N</sub> = 0,5 m</b>
<b>Vehicle Intrusion</b>	--
<b>Resistance Class Snow Removal</b>	<b>3</b>

\*) NPD = no performance determined