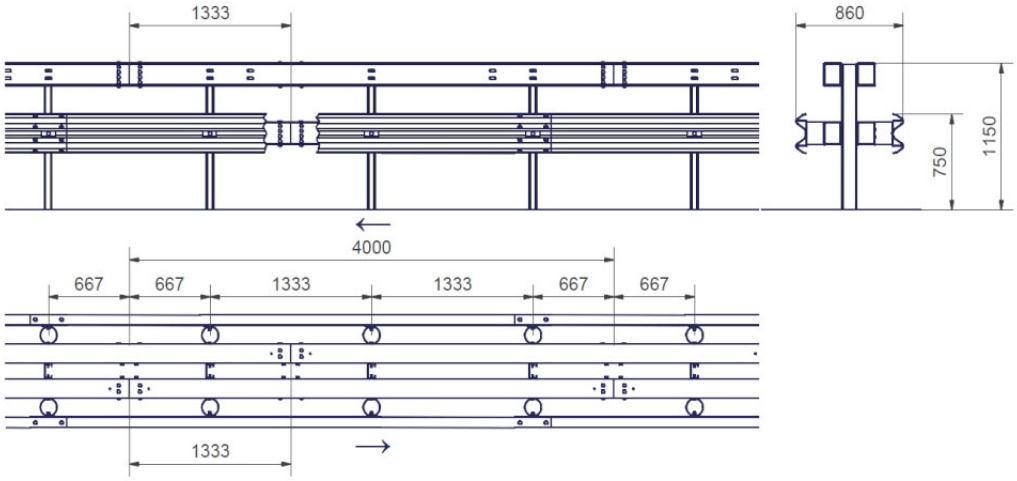
	Super-Rail DS	Dated: 21.10.2020



The double-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 tubes determin 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 open box beams are fixed to the posts by clamping connections at the rear. The butt joints of the open box beams are off-set by 1. 33 m. The 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 lower box beams by deformation tubes.

System Name	Super-Rail double-sided
CE Certificate of Performance	0104-CPR-2010
Initial Type Tests	TB11: PSG 37 (TSR Engeneering GmbH, 2010) TB51: PSG 38 (TSR Engeneering GmbH, 2010) TB81: X53.08.K11 (TÜV Süd GmbH, 2011)
Typical Material	Steel S235 JR
System Width	0,86 m
System Height (from Road Surface)	1,15 m
System Length (Unit)	4,00 m
Weight per m of System Length	124,8 kg (A) | 122,8 kg (B)
Installation Length	60 m
Tested Installing Method	driven posts

Performance acc. to EN 1317	
Containment Level	**N2 | H2 | L2**
Working Width	**W4 | W4 | W4 (W_N = 1,1 m | 1,2 m | 1,2 m)**
Impact Severity Level	**B**
Dynamic Deflection	**D_N = 0,3 m | 0,6 m | 0,6 m**
Vehicle Intrusion	**H2/L2: VI3 (VI_N=1,0 m)**
Resistance Class Snow Removal	**3**

*) NPD = no performance determined

№ 2013027