

Deformable safety barrier, single sided, for ground - Containment level H1



Certified according	EN 1317-1/2
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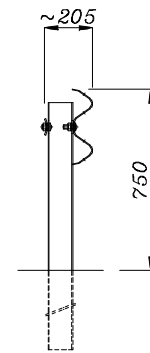
Homologation according italian D.M. 223/92	In progress
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CHARACTERISTICS

Weight	kg/m	23,25
Height out of ground	mm	750 ± 20
Depth of fixing	mm	1005
Transversal overall dimensions	mm	205
Center to Center distance between posts	mm	1500
Suggested minimum lenght	m	94,5 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN.ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	128,29 ⁽²⁾	A
Acceleration Severity Index "ASI"		1,0	
Theoretical Head Impact Velocity "THIV"	km/h	29,0	
Post-impact Head Deceleration "PHD"	g	14,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		0,90 / W3 (0,82)	0,70 / W2
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		1,40	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		0,70 (0,63)	0,50 (0,39)
Vehicle Cockpit Deformation Index "VCDI"		RF0122000	



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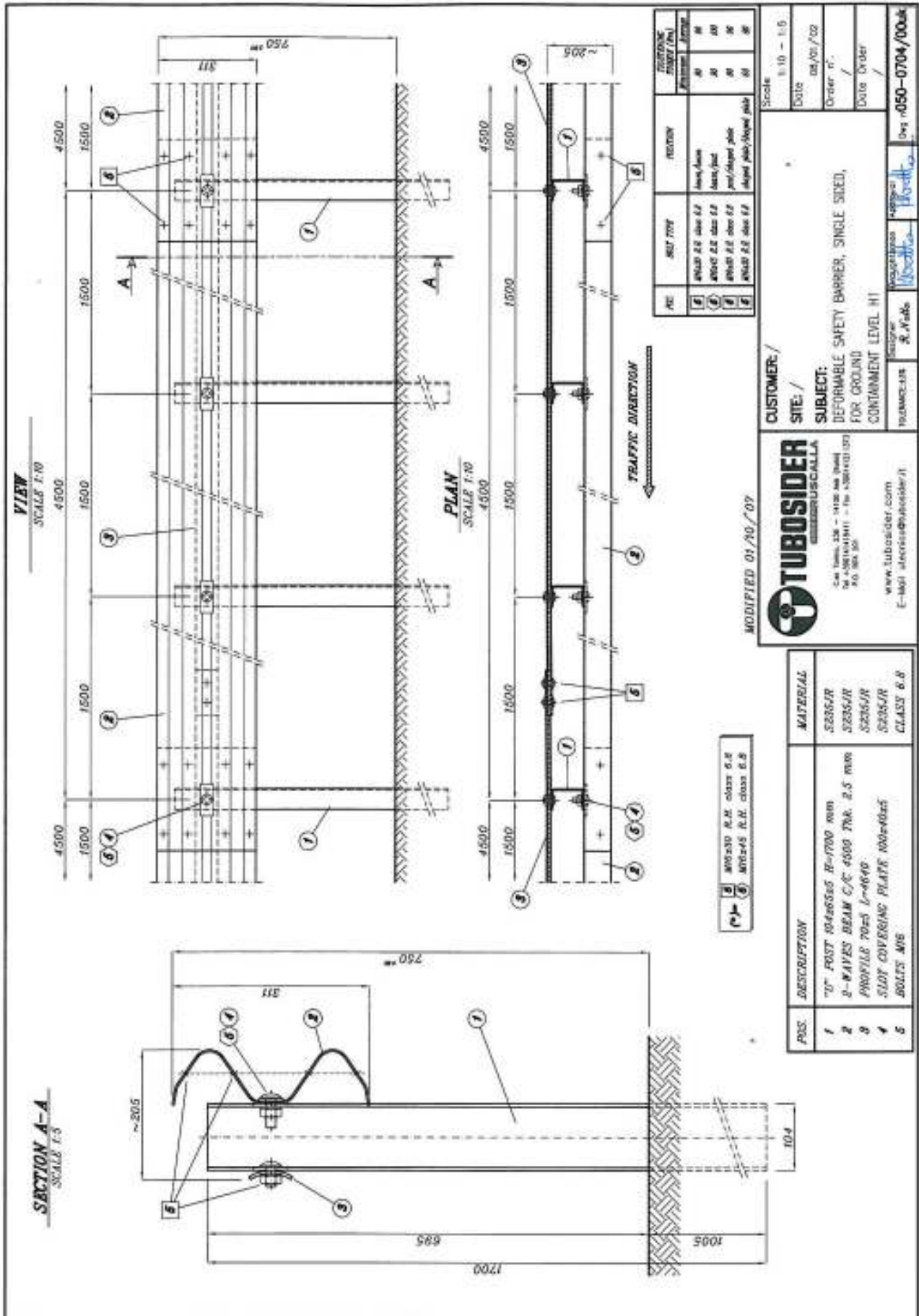
- (1) When not connected to other barriers, end sections are compulsory (for start section only).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger compartment.
- (3) It is the distance between the barrier side facing the traffic before impact and the maximum permanent lateral position of any major part of the barrier.
- (4) Values according EN 1317-1/2:1998 and proposal for revision EN 1317-1/2:2006.



TEST REPORTS

Report N°	Test field - Laboratory	Date of the crash-test	Vehicle	Vehicle Mass (kg)	Impact speed (km/h)	Impact angle
TUB/BSI-128/1103	L.I.E.R. – Lyon (F)	30.05.07	Car	905	102,3	19,6°
TUB/BSI-55/579A	L.I.E.R. – Lyon (F)	06.02.02	Rigid HGV	9.760	71,3	15,0°

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