

Deformable safety barrier, single sided, for ground - Containment level N2



Certified according	EN 1317-1/2
---------------------	-------------

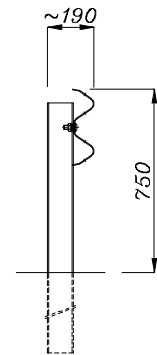
Homologation according italian D.M. 223/92	In progress
--	-------------

CHARACTERISTICS

Weight	kg/m	18,04
Height out of ground	mm	750 ± 20
Depth of fixing	mm	1005
Transversal overall dimensions	mm	190
Center to Center distance between posts	mm	2000
Suggested minimum lenght	m	88,0 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN.ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	84,28 ⁽²⁾	Severity Index -
Acceleration Severity Index "ASI"		0,9	
Theoretical Head Impact Velocity "THIV"	km/h	29,0	
Post-impact Head Deceleration "PHD"	g	23,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		1,00 / W3 (0,78)	0,90 / W3
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		0,90	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		0,90 (0,69)	0,70 (0,58)
Vehicle Cockpit Deformation Index "VCDI"		RF0000000	



2N.TU-brl.41 dwg. 050-A049/01

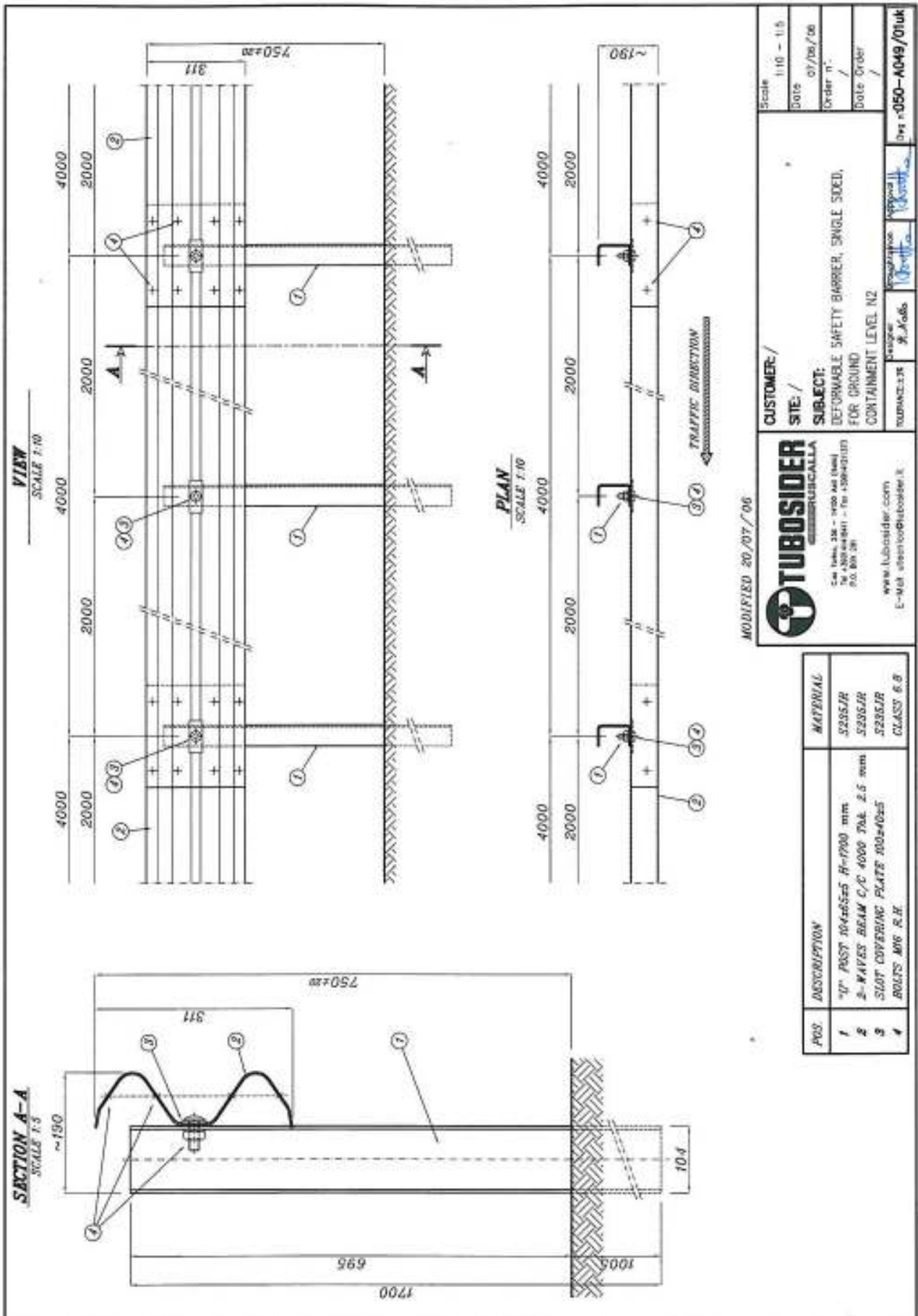
- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger 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-115/1033	L.I.E.R. – Lyon (F)	27.07.06	Car	873	102,5	20,0°
TUB/BSI-113/1031	L.I.E.R. – Lyon (F)	26.07.06	Car	1.458	113,2	20,0°

Deformable safety barrier, single sided,
for ground - Containment level N2



2N.TU-brl.41 dwg. 050-A049/01