

Deformable safety barrier, single sided, for ground - Containment level H4b



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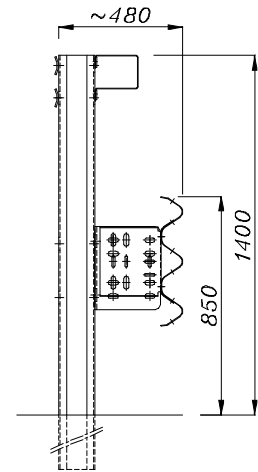
Homologation according italian D.M. 223/92	In progress
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CHARACTERISTICS

Weight	kg/m	62,51
Height out of ground	mm	1400 ± 30
Depth of fixing	mm	1000
Transversal overall dimensions	mm	480
Center to Center distance between posts	mm	1500
Suggested minimum lenght	m	82,5 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	744,62 ⁽²⁾	A
Acceleration Severity Index "ASI"		1,0	
Theoretical Head Impact Velocity "THIV"	km/h	27,0	
Post-impact Head Deceleration "PHD"	g	11,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		1,90 / W6 (1,84)	1,10 / W4
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		2,20	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,40 (1,35)	0,60 (0,26)
Vehicle Cockpit Deformation Index "VCDI"		LS0000101	



3N.TU-brl.40 dwg. 050-A027/00

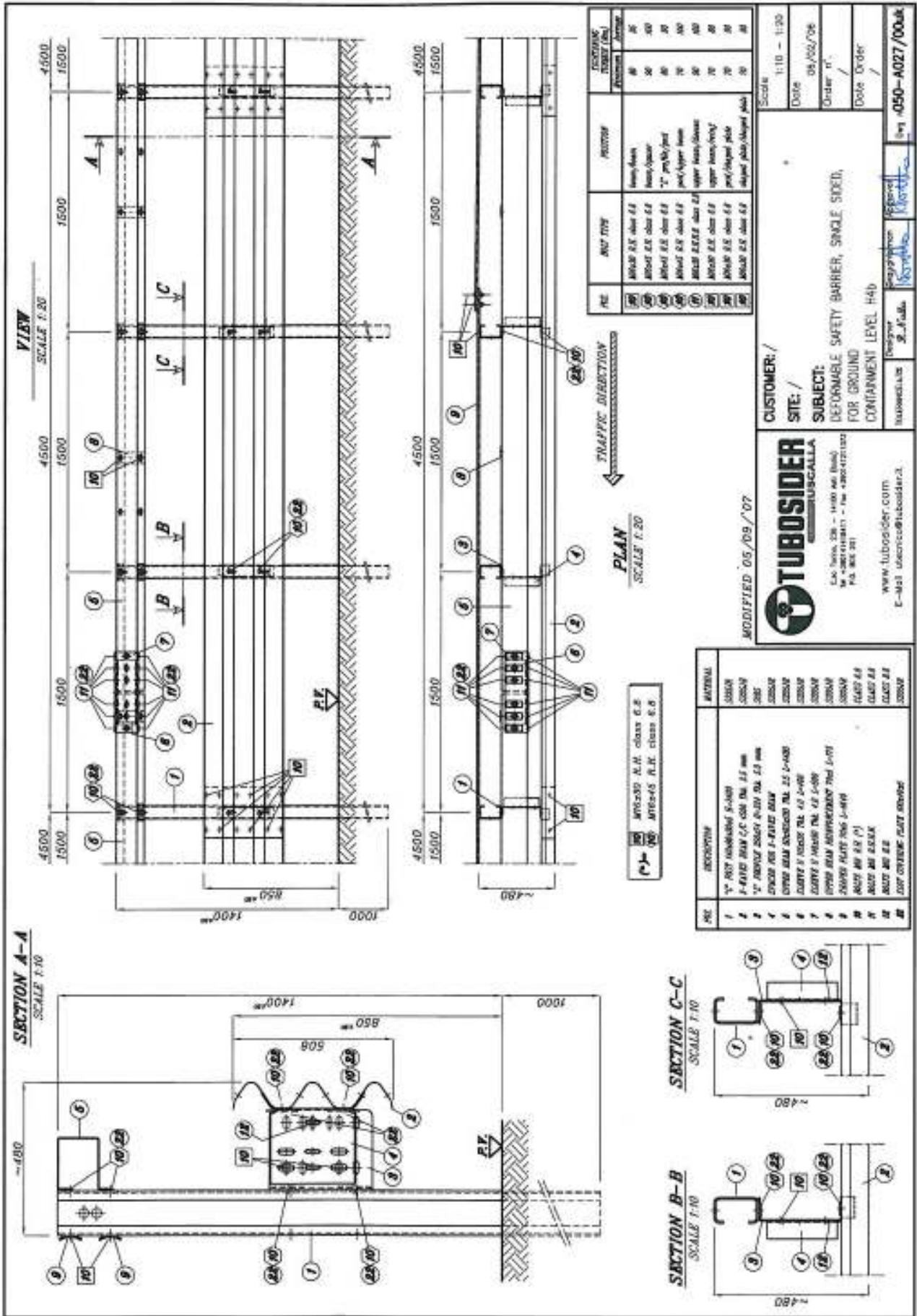
- (1) When not connected to other barriers, end sections are compulsory (both for start and end section).
- (2) Both the light and the heavy vehicle have been contained in the carriageway, inside the CEN box, without overturning; no ejection of main components, no intrusion of elements into the passenger 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-104/989A	L.I.E.R. – Lyon (F)	10.02.06	Car	906	105,8	20,6°
TUB/BSI-102/987A	L.I.E.R. – Lyon (F)	08.02.06	Articulated HGV	37.440	66,4	20,0°

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REV.	NO. TYPE	REVISION	PROFESSOR	TECHNICAL DRAWING (REV.)
01		AWL 0.8 class 0.8	10mm/4mm	AW
02		AWL 0.8 class 0.8	10mm/4mm	AW
03		AWL 0.8 class 0.8	1" 10mm/4mm	AW
04		AWL 0.8 class 0.8	1" 10mm/4mm	AW
05		AWL 0.8 class 0.8	1" 10mm/4mm	AW
06		AWL 0.8 class 0.8	1" 10mm/4mm	AW
07		AWL 0.8 class 0.8	1" 10mm/4mm	AW
08		AWL 0.8 class 0.8	1" 10mm/4mm	AW
09		AWL 0.8 class 0.8	1" 10mm/4mm	AW
10		AWL 0.8 class 0.8	1" 10mm/4mm	AW

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CUSTOMER: /
SITE: /
SUBJECT: DEFORMABLE SAFETY BARRIER, SINGLE SIDED,
 FOR GROUND CONTAINMENT LEVEL H4b

Scale: 1:10 - 1:20
 Date: 05/02/06
 Order n. /
 Date Order /

Design: S. Falla
 Checked: M. Basso
 Approved: M. Basso
 Rev. 050-A027/00

REV.	DESCRIPTION	MATERIAL
1	1" 10mm/4mm AWL 0.8	AWL 0.8
2	1" 10mm/4mm AWL 0.8	AWL 0.8
3	1" 10mm/4mm AWL 0.8	AWL 0.8
4	1" 10mm/4mm AWL 0.8	AWL 0.8
5	1" 10mm/4mm AWL 0.8	AWL 0.8
6	1" 10mm/4mm AWL 0.8	AWL 0.8
7	1" 10mm/4mm AWL 0.8	AWL 0.8
8	1" 10mm/4mm AWL 0.8	AWL 0.8
9	1" 10mm/4mm AWL 0.8	AWL 0.8
10	1" 10mm/4mm AWL 0.8	AWL 0.8
11	1" 10mm/4mm AWL 0.8	AWL 0.8
12	1" 10mm/4mm AWL 0.8	AWL 0.8
13	1" 10mm/4mm AWL 0.8	AWL 0.8