

Deformable safety barrier, single sided, for ground - Containment level H2



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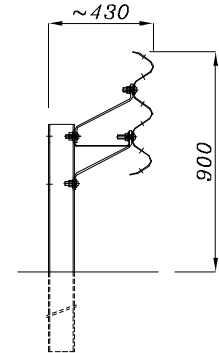
Homologation according italian D.M. 223/92	In progress
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CHARACTERISTICS

Weight	kg/m	25,08
Height out of ground	mm	900 ± 20
Depth of fixing	mm	845
Transversal overall dimensions	mm	430
Center to Center distance between posts	mm	2000
Suggested minimum lenght	m	96,0 + end sections ⁽¹⁾
Steel quality		S235JR
Galvanisation		EN ISO 1461

PERFORMANCES

Containment level "Lc"	kJ	305,53 ⁽²⁾	A
Acceleration Severity Index "ASI"		0,7	
Theoretical Head Impact Velocity "THIV"	km/h	21,0	
Post-impact Head Deceleration "PHD"	g	13,0	
Working Width and Class "W" (permanent Working Width ⁽³⁾)	m	Heavy vehicle	Light vehicle
		2,00 / W6 (1,64)	1,00 / W3
Maximum lateral position of the vehicle "VI" ⁽⁴⁾	m	Heavy vehicle	Light vehicle
		2,70	-
Dynamical Deflection "D" (Permanent Deflection)	m	Heavy vehicle	Light vehicle
		1,90 (1,52)	0,90 (0,52)
Vehicle Cockpit Deformation Index "VCDI"		LF0000000	



3N.TU-brl.53 dwg. 050-A181/03

- (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
X88.02.H12	TÜV-München (D)	05.12.07	Car	933	103,3	20,0°
X88.01.H12	TÜV-München (D)	05.12.07	Bus	13.020	72,1	20,0°

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