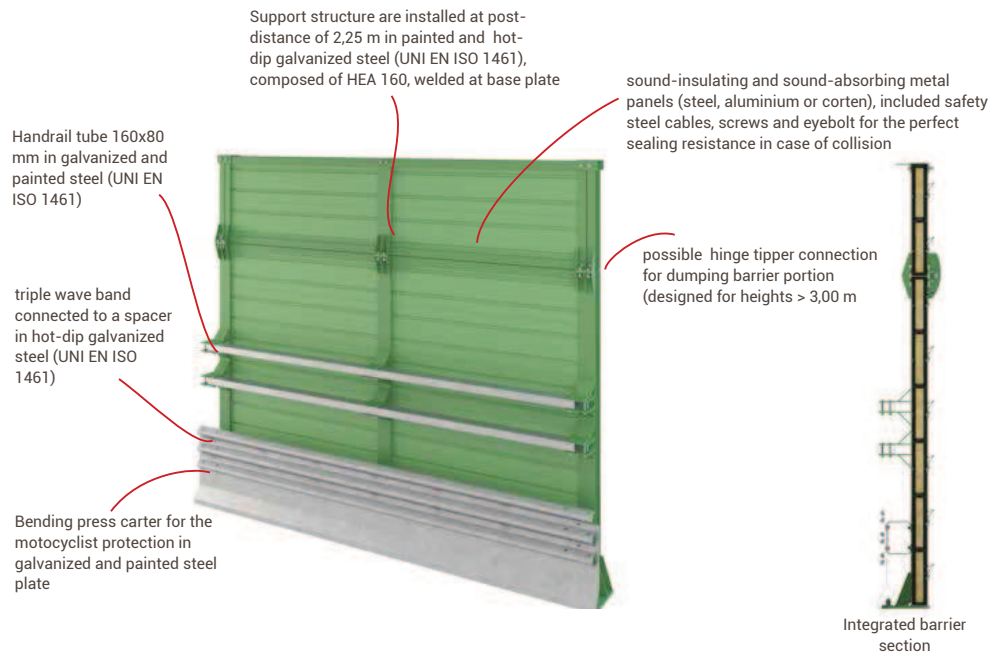


INTEGRATED NOISE BARRIER



The integrated noise barrier is a combination of a noise and safety barrier usually- to be installed narrow road lanes or limited roadside space; tested to containment level H4

The barrier is composed of:



The system is compliant to the Crash-test report and specifications related to the enclosed drawings (INTEGUAUTOS-SFT di Autostrade per l'Italia S.p.A) or equivalent to the design drawings and requirements of the Technical Regulations of Autostrade per l'Italia S.p.A

NOMINAL DIMENSIONS

Height: from 2.000 to 5.000 mm

Post-distance: 2.250 mm

Minimum length for installation: L=81,00 m

PARAMETER	h= 5-4.5 m	h= 4-3.5 m	h= 3-2 m
Containment level	H4a	H4a	H4a
Impact severity	B	B	B
Working width:	W6 (1.9 m)	W5 (1.5 m)	W5 (1.4 m)
Dynamic deflection	1.5 m	1.0 m	0.9 m

NOMINAL DIMENSIONS / INTEGRATED NOISE BARRIER

CONFIGURATION	BARRIER HEIGHT (MM)	PMMA PANEL NUMBER H=0,50 M	PMMA PANEL NUMBER H=1,00 M	PMMA PANEL NUMBER H=1,50 M	PMMA PANEL NUMBER H=2 M	L (mm)
4	2000	2075	0	0	0	0
3a	2500	2515	1	0	0	0
3	3000	3015	0	1	0	0
2a	3500	3515	0	0	1	0
2	4000	4015	0	0	0	1
1a	4500	4515	1*	0	0	1
1	5000	5015	0	1*	0	1

Noise barrier height = 3,50 - 4,00 - 4,50 - 5,00; L= HEA 160
* panel installed on inferior part

ADVANTAGES

- Two functions in one device: safety- and anti-noise protection
- high protection level: class H4a
- obstacle reduction thanks to the security and anti-noise double function
- working width with variable W-values from 3 to 6, depending on configuration
- hinge tipper connection for dumping barrier portion that allows inspection and maintenance of bridges and viaducts with bybridge platforms.

ADDITIONAL ACCESSORIES

- final-elements, installed at the end
- possible transition-elements (from noise barrier to safety barriers)
- possibility of inserting transparent panels (as predicted by CE-marking)
- possibility to produce barrier with windbreak-panels (integrated noise and safety barrier with wind-break panels)

