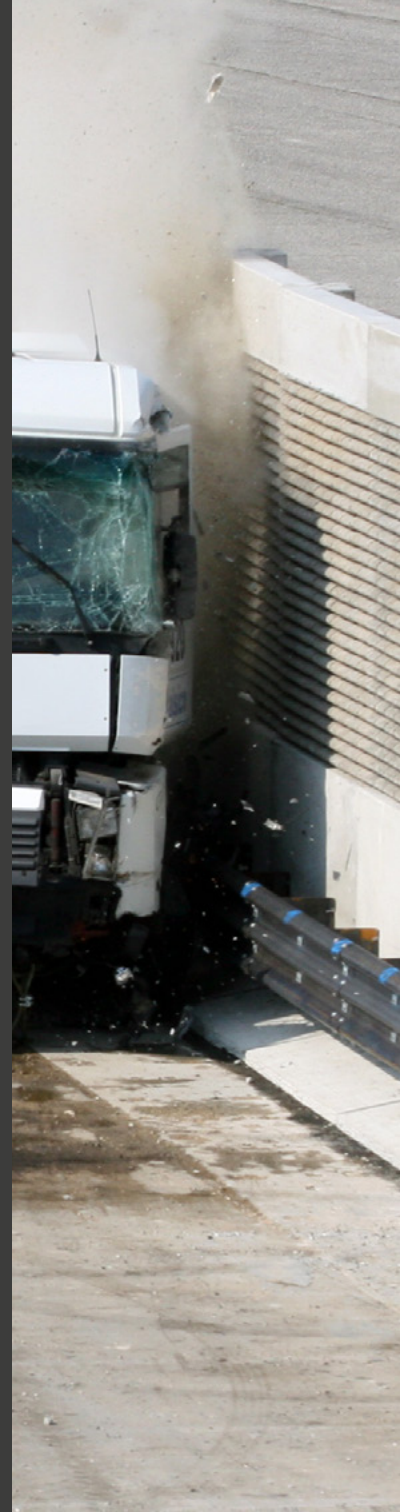




SOUNDINTEGRA™

SURFACE MOUNTED INTEGRATED NOISE BARRIER

SOUNDINTEGRA™

SoundIntegra™ is the first surface mounted integrated barrier that can absorb noise and road vehicles impacts. It consists of precast reinforced concrete monolithic elements, directly placed on asphalt or equivalent, connected to each other on the receiver side and completed with a metal guardrail on the source side.

SURFACE MOUNTED

No excavations and foundations are required, the particular foot shape guarantees the rainwater flow.

DURABILITY

The system benefits from the characteristics of concrete and steel, to increase durability and resistance.

MODULAR

The modularity of the precast monolithic elements guarantees an easy, safe and quick installation. The height of the system can be adjusted from 2 to 5 meters.

CUSTOMIZABLE

Different sound-absorbing materials can be applied to the insulating structure, to satisfy every acoustic performance and aesthetic requirement.

PERFORMANCE EN 1317

CE 2131/CPR/936

Test TB11 - car - 900kg, 100km/h - 20°	Aisico #883
Test TB81 - articulated HGV - 38.000kg, 65km/h - 20°	Aisico #920
Installation length	75 m
Containment level	H4b
Severity impact	B
Normalised working width	W5
Normalised dynamic deflection	0,8 m
Normalised vehicle intrusion	VI3



SOUND-ABSORBING MATERIALS (BLOCKS OR PANELS)



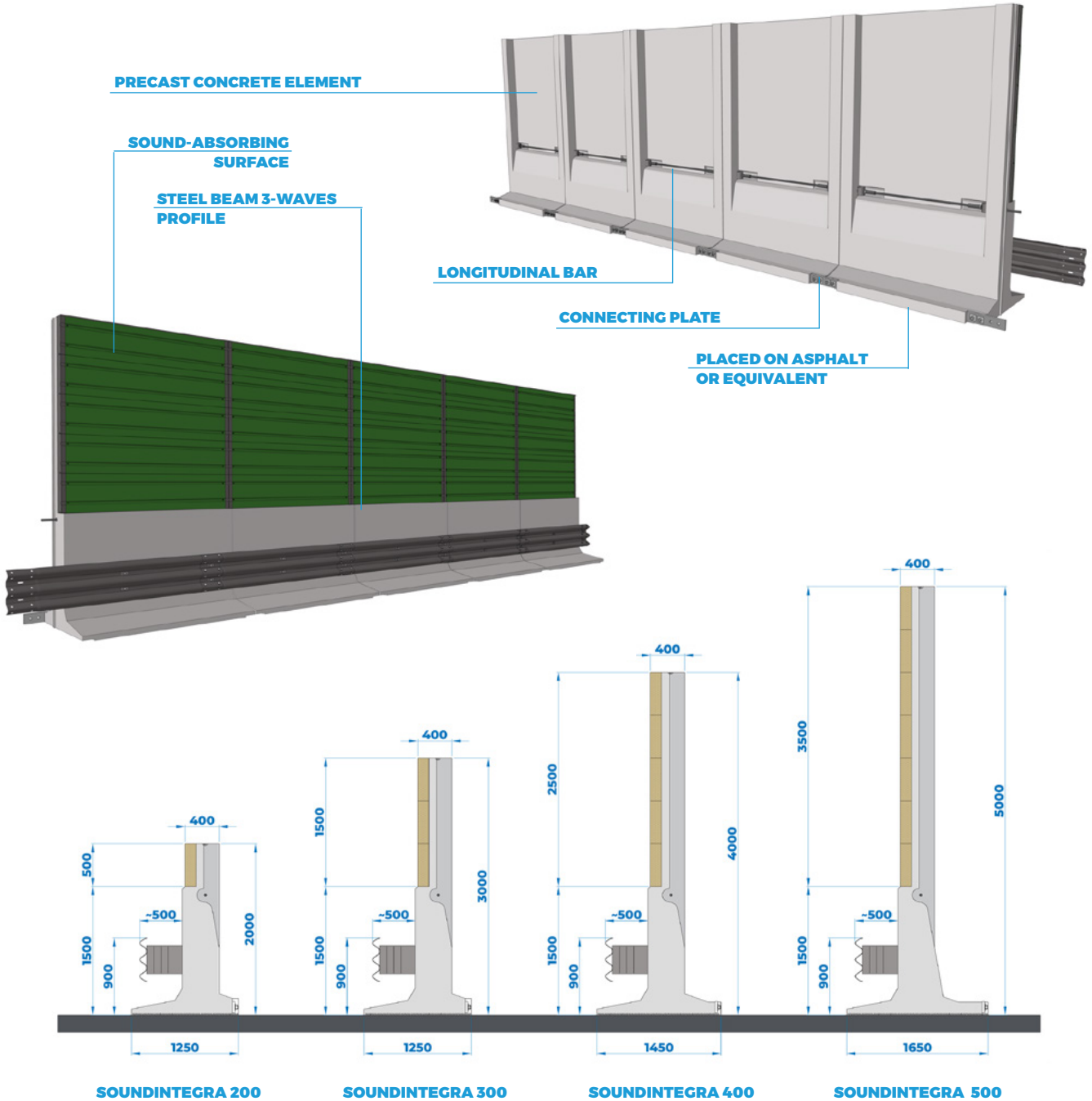
WOODCHIPS



EXPANDED CLAY



STEEL, ALUMINIUM, CORTEN





Via Sforza Caolzio 20
29014 Castell'Arquato PC - Italy
+39 0523 1531563
www.keesrl.com
info@keesrl.com