

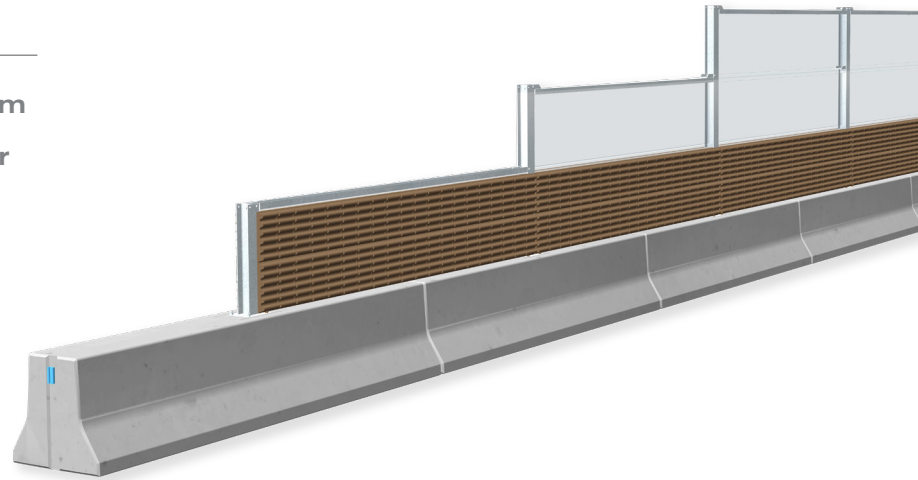
REBLOC NBL100X/200-450_5

Technical Datasheet

ASI B

**Precast Concrete
Vehicle Restraint System**

**Integrated Noise Barrier
Free standing**



NBL100X/200-450_5

Technical data

Containment level	L2 / H2
Working width	W4 ($W_N \leq 1.3$ m)
Impact severity level	ASI B
Vehicle intrusion	VI2 ($VI_N \leq 0.8$ m)
Sound absorption DL_α	class A3 or A4 acc. to EN 1793-1 depending on the sound absorber material
Airborne sound insulation DL_R	min. class B3 acc. to EN 1793-2 depending on the used panels
Sound reflection DL_{RI}	acc. to EN 1793-5 (in situ) depending on the used panels
Airborne sound insulation DL_{SI}	min. class D3 acc. to EN 1793-6 (in situ) depending on the used panels and sealings
Installation	free standing on compacted soil asphalt concrete
Application	single-sided double-sided
Minimum installation length	65 m (13 base elements, 11 panels)
Initial/end anchorage	not necessary, optional available
Base element NBL100X_5;02	
Dimensions L x W x H in cm weight	500 x 105 x 100 cm approx. 8560 kg
Concrete panel with absorber NBL100_5_160	
Dimensions L x W x H in cm weight	497 x 35 x 100 cm approx. 2220 kg
Acrylic panel with aluminium frame (T7)	
Dimensions L x W x H in cm weight	495 x 13 x 100 cm approx. 116 kg
Aluminium sound panel (A3-e/b)	
Dimensions L x W x H in cm weight	496 x 12 x 50 cm approx. 44 kg / 68 kg
Curve radius	$r \geq 175$ m, smaller radii on request
Coupling/exposed steel parts	fully integrated, exposed parts hot-dip galvanized
CE certification	✓
Miscellaneous	Different materials, colors and creative designs are available as sound absorption material.

all dimensions in cm

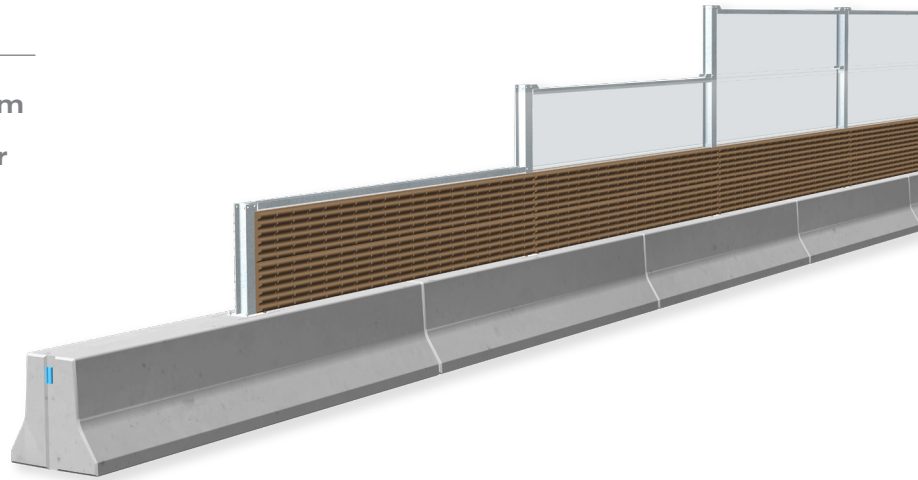
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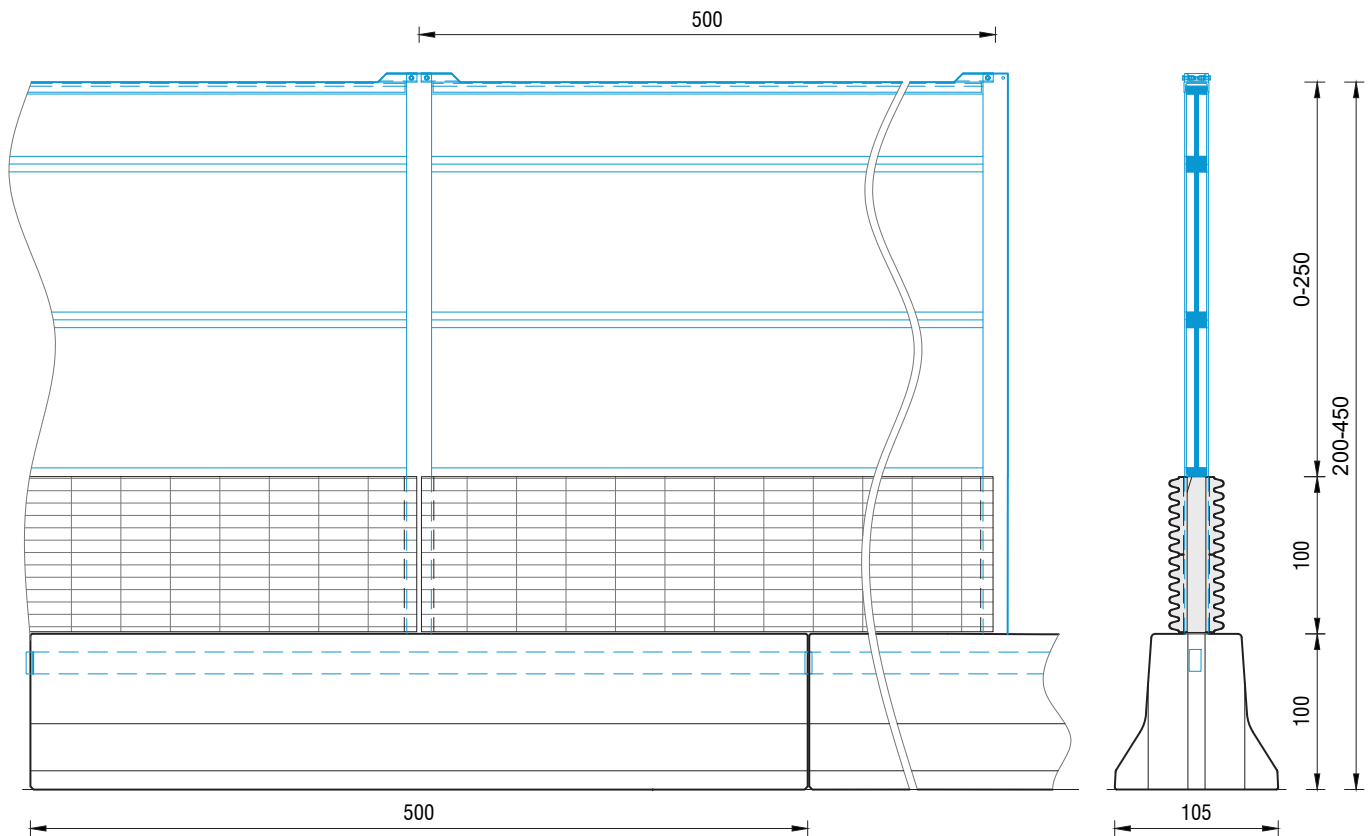
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Technical drawing



all dimensions in cm