

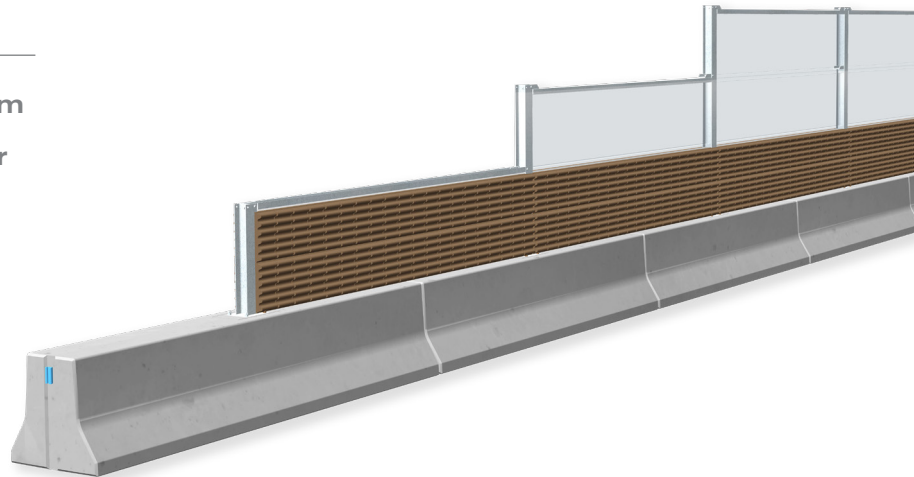
**REBLOC NBL100X/200-450\_5**

Technical Datasheet

ASI B

**Precast Concrete  
Vehicle Restraint System**

**Integrated Noise Barrier  
Free standing**



NBL100X/200-450\_5

**Technical data**

Containment level	<b>H2</b>
Working width	<b>W4 (<math>W_N \leq 1.3</math> m)</b>
Impact severity level	<b>ASI B</b>
Vehicle intrusion	<b>VI2 (<math>VI_N \leq 0.8</math> m)</b>
Sound absorption $DL_\alpha$	<b>class A3 or A4 acc. to EN 1793-1 depending on the sound absorber material</b>
Airborne sound insulation $DL_R$	<b>min. class B3 acc. to EN 1793-2 depending on the used panels</b>
Sound reflection $DL_{RI}$	<b>acc. to EN 1793-5 (in situ) depending on the used panels</b>
Airborne sound insulation $DL_{SI}$	<b>class D3 oder D4 acc. to EN 1793-6 (in situ) depending on the used sealings</b>
Installation	<b>free standing on compacted soil   asphalt   concrete</b>
Application	<b>single-sided   double-sided</b>
Minimum installation length	<b>65 m (13 base elements, 11 panels)</b>
Initial/end anchorage	<b>not necessary, optional available</b>
Base element NBL100X_5;02	
Dimensions L x W x H in cm   weight	<b>500 x 105 x 100 cm   approx. 8560 kg</b>
Concrete panel with absorber NBL100_5_160	
Dimensions L x W x H in cm   weight	<b>497 x 35 x 100 cm   approx. 2220 kg</b>
Acrylic panel with aluminium frame (T7)	
Dimensions L x W x H in cm   weight	<b>495 x 13 x 100 cm   approx. 116 kg</b>
Aluminium sound panel (A3-e/b)	
Dimensions L x W x H in cm   weight	<b>496 x 12 x 50 cm   approx. 44 kg / 68 kg</b>
Curve radius	<b><math>r \geq 270</math> m, smaller radii on request</b>
Coupling/exposed steel parts	<b>fully integrated, exposed parts hot-dip galvanized</b>
CE certification	<b>✓</b>
Miscellaneous	<b>Different materials, colors and creative designs are available as sound absorption material.</b>

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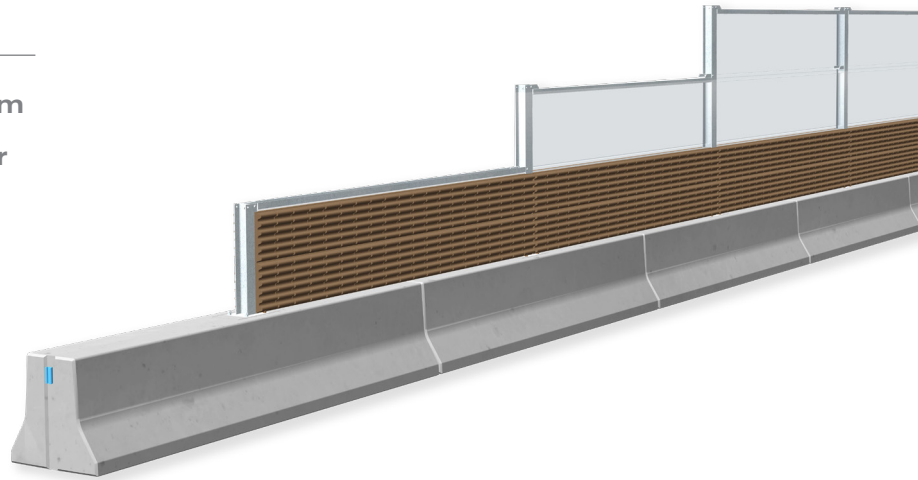
Technical Datasheet

ASI B

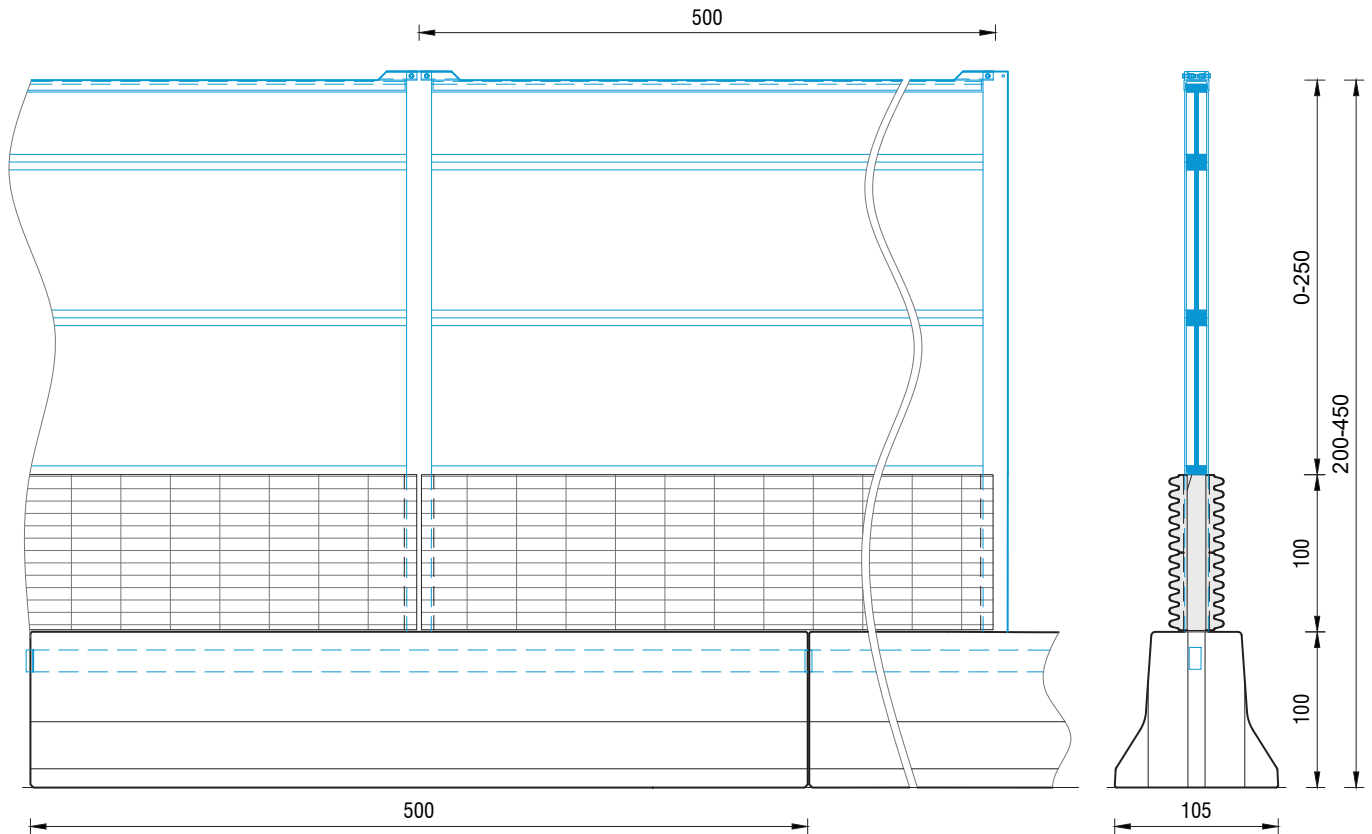
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## Technical drawing



all dimensions in cm