

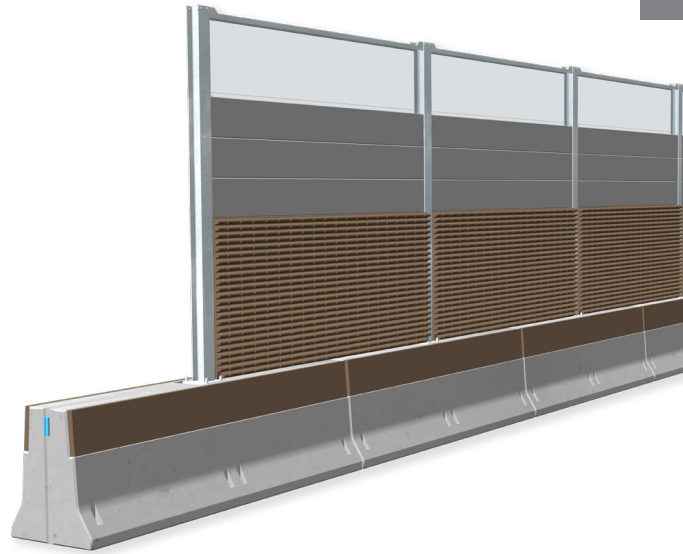
REBLOC NBH150XA_5

Technical Datasheet

ASI B

Precast Concrete
Vehicle Restraint System

Integrated Noise Barrier
Free standing



NBH150XA_5

Technical data

Containment level	L4b / H4b
Working width	W5 ($W_N \leq 1.7$ m)
Impact severity level	ASI B
Vehicle intrusion	VI2 (with total height of ≥ 3.0 m) VI3 (with total height of < 3.0 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, 12 panels)
Initial/end anchorage	not necessary, optional available
Base element NBH150XA_5;02	
Dimensions L x W x H in cm Weight	500 x 125 x 150 cm approx. 12160 kg
Concrete panel with absorber NBH100_5_200	
Dimensions L x W x H in cm Weight	497 x 39 x 100 cm approx. 2610 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	$r \geq 220$ 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

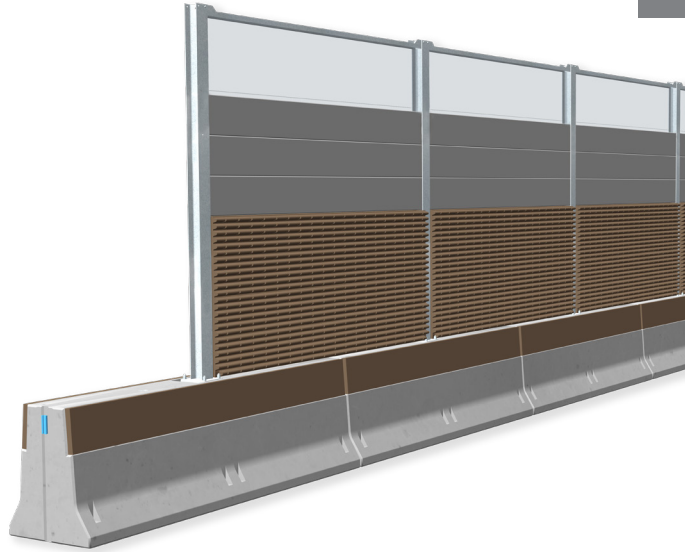
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ASI B

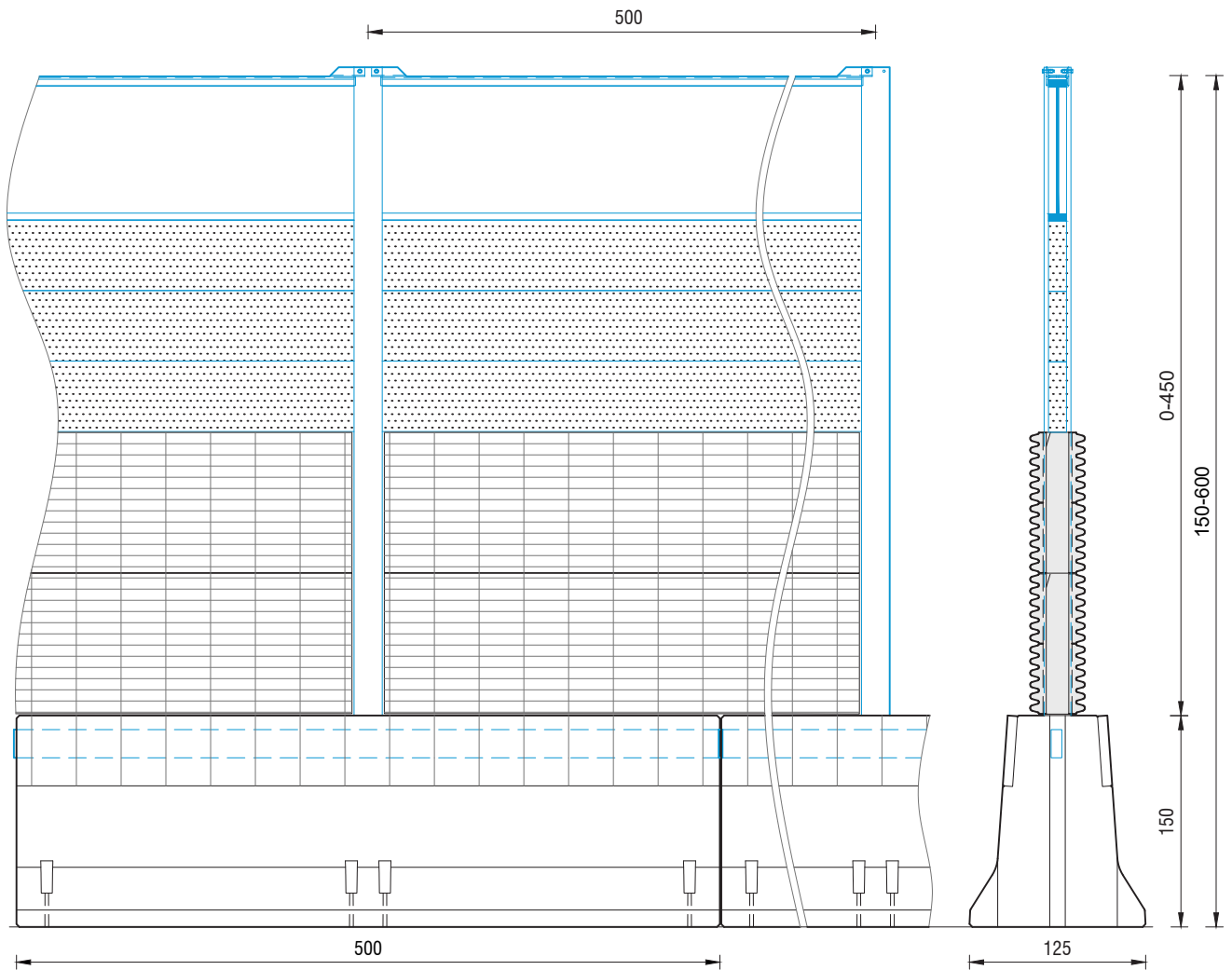
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Technical drawing



Max. construction height: 800 cm according to local wind loads; structural verification and project support by REBLOC required.

all dimensions in cm