

DELTABLOC® DB 80 LSW-R GENERATION 1

Technical Product Data Sheet

					L1	L2	L3	L4a	L4b
T1	T2	T3	N1	N2	H1	H2	H3	H4a	H4b

The restraint system respectively noise barrier DB 80 LSW-R acts as safeguarding for the verge on motorways and dual carriageways. Due to the noise absorbing material laminated to the surface of the wall, it additionally works as a high-grade sound insulation system.

Main features

- ▶ high containment level (H2)
- ▶ extremely small system width of only 105cm
- ▶ tested passenger protection (ASI B)
- ▶ small working width (W5)
- ▶ combination of noise barrier and restraint system
- ▶ variable height of wall 250cm - 350cm

Note: Wall heights of more than 350cm are realized with the System DB 100 LSW-M

More surface structures and colour options for the noise barrier wall systems are available in the PHONOBLOC® product group.

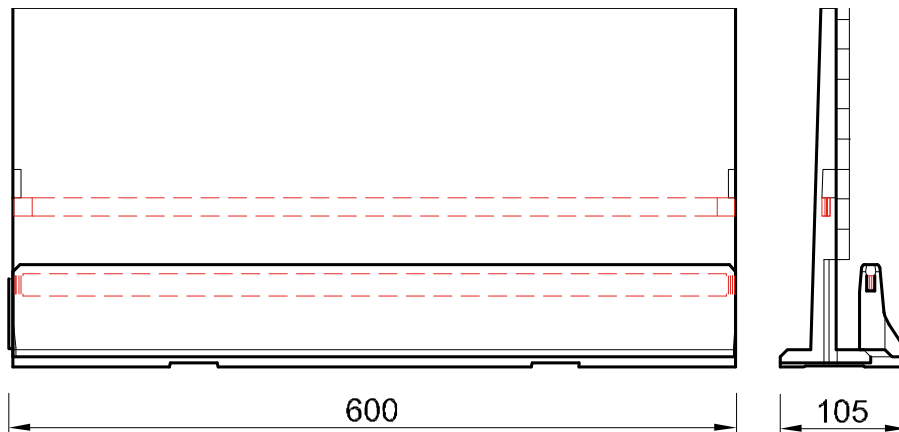


Technical specifications

Concrete qualities	resistant to frost and de-icing salt (depending on specific national regulations)
Noise protection qualities	Sound insulation: ≥B3 (25dB) according to EN 1793-2 Sound absorption: up to A5 according to EN 1793-1, depending on the used sound barrier application
Coupling & Tension bar	patented coupling and tension bar system, hot-dip galvanized
Accessories	tested reflectors ...
Curve radii	r ≥ 350m
Supplementary products	element with integrated emergency exit, terminals, transitions
Misc.	possible sound absorbing materials are: PHONOBLOC® lightweight concrete, PHONOBLOC® woodconcrete or other sound absorbing systems

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Technical Specifications



Test results according to EN 1317-2					
Type	DB 80 LSW-R				
Containment level	H2				
Working width class	W5				
Vehicle Intrusion	VI 4				
ASI	B				
Set length	6m				
System width	105cm				
System height	2.5m	3.0m	3.5m	4.0m	4.5m
Working width	1.3m	1.4m	1.5m	see DB 100 LSW-R	
Vehicle Intrusion	1.2m				
Dynamic deflection	1.2m				
Tested system length without terminal elements	60m				
Tension bar (set)	1x K150S, 1x K120S				
Terminal anchoring	yes				
Ground conditions	Asphalt pavement, concrete foundation or compacted gravel with adequate capacity				
Connected to the ground	no, free standing				
CE certification	yes, according to EN 1317-5				

Key facts	Tension bar	Weight	l / w / h
LSW-R / 6m K150S	K150S	depending on height	600 / 105 / 250 to 350cm
DB 80 LSW/ 6m K120S	K120S	2650kg	600 / 40 / 80cm