

DELATABLOC® DB 80AS-E GENERATION 1

Technical Product Data Sheet

2 in 1

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

The DB 80AS-E is an asymmetrical system for the double-rowed application on the central reservation or the single-rowed application on the verge. Obstacles, such as gantries and bridge pillars, can be secured by means of the DB 80AS-E, saving space.

As DB “2-in-1”-system the DB 80AS-E is usable both as temporary safety barrier with containment level T3 and as permanent safety barrier with H2.

Main features

- ▶ smallest possible working widths (W1, W2)
- ▶ no system displacement for DB 80AS-E / 6m H2 | W1
- ▶ tested to containment levels H2, T3 and T1
- ▶ high passenger safety (ASI B)

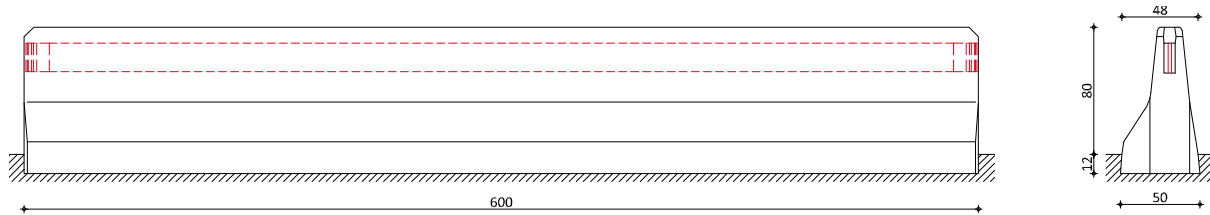


Technical specifications	
Concrete qualities	resistant to frost and de-icing salt (depending on specific national regulations)
Coupling & Tension bar	patented coupling and tension bar system, hot-dip galvanised
Special lengths	on request
Accessories	tested reflectors, traffic sign mounts, butt joint inserts ...
Curve radii	6m elements: $r \geq 120m$ (smaller radii available on request)
Misc.	The restraint system is embedded in the surface of the carriageway – depending on the requirements either with reinforced or unreinforced abutment behind the concrete barrier.

DELATABLOC®

DB 80AS-E GENERATION 1

Technical Specifications



Test results according to EN 1317-2

Type	DB 80AS-E	DB 80AS-E	DB 80AS-E	DB 80AS-E	DB 80AS-E
Element length	6m	6m	6m	6m	6m
Containment level	H2	H2	H2	T3	T1
Working width	W1	W2	variable (double row installation)	W2	W1
Vehicle Intrusion	VI1	VI2	VI1	VI2	-
ASI	B	B	B	A	A
Tension bar	K180S	K180S	K180S	K180S	K180S
System height	80cm (embedded)	80cm (embedded)	80cm (embedded)	92cm	92cm
System width	48cm (at roadway level)	48cm (at roadway level)	variable, ≥ 1.0 m (double row installation)	50cm	50cm
Backfilling	possible	no	yes	no	no
Working width	0.6m	0.7m	≥ 1.0 m	0.8m	0.5m
Vehicle Intrusion	0.6m	0.7m	0.6m	0.7m	-
Dynamic deflection	0.0m	0.3m	0.0m	0.3m	0.0m
Tested system length (without terminal elements)	42m	42m	42m	72m	72m
Terminal anchoring	no	no	no	yes	yes
Anchoring in underground	„E“ System - reinforced abutment	„E“ System - unreinforced abutment	„E“ System - embedded in road surface	no	no
CE certification	yes	yes	yes	not required	not required

Key facts	Tension bar	Weight	l / w / h
Standard DB 80AS-E / 6m K180S	K180S	4080kg	600 / 50 / 92cm