

ultimate safety – flexible application

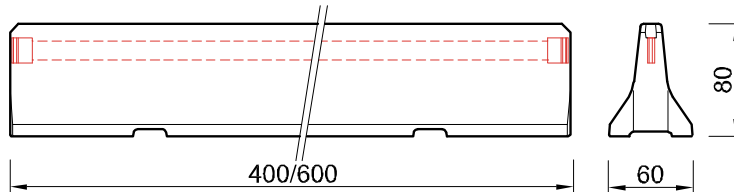
				L1	L2	L3	L4a	L4b	
T1	T2	T3	N1	N2	H1	H2	H3	H4a	H4b

The DB 80 is a state-of-the-art vehicle restraint system with the New Jersey profile. In conjunction with the continuous tension bar it prevents reliably any breakthrough of vehicles in case of impact.

Essential characteristics:

- ▶ versatility
- ▶ efficient installation
- ▶ low maintenance costs
- ▶ excellent price/restraint ratio

The range of applications of the DB 80 is especially wide. It can be used as a temporary construction-site barrier or even as a permanent double-rowed safety barrier in the central reservation on motorways.



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	2m, 4m
Accessories	tested reflectors, traffic sign mounts, butt joint inserts
Curve radii	2m elements: r ≥ 40m* 4m elements: r ≥ 80m* 6m elements: r ≥ 120m* * smaller radii available on request
Misc.	butt joint inserts to minimise displacement in case of impact, anchoring only required for terminals, width for trough installation: 200cm

Test results according to EN 1317-2

Type	DB 80	DB 80	DB 80	DB 80	DB 80	DB 80
Element length	6m	6m	6m	6m	4m	4m
Containment level	N2	H1 / L1	H2 / L2	H2	H1	N2
Working width	W3	W4	W7	W6	W6	W4
ASI	B	B	B	B	B	B
Tension bar	K150S	K150S	K150S	K180S	K180	K120S
Installation method						
System height	80cm	80cm	80cm	80cm	80cm	80cm
System width	60cm	60cm	200cm	60cm	60cm	60cm
Max. displacement	38cm	63cm	40cm	150cm	128cm	61cm
Tested system length	108m	108m	108m	108m	56m	56m
					(without terminal elements)	
Terminal anchoring	yes	yes	yes	yes	yes	yes
Anchoring in the ground	no	no	no	no	no	no
CE certification	yes	yes	yes	yes	yes	yes

Key facts

	Tension bar	Weight	l / w / h
Standard DB 80 / 6m K180S	K180S	3230kg	600 / 60 / 80cm
Standard DB 80 / 6m K150S	K150S	3115kg	600 / 60 / 80cm
Standard DB 80 / 4m K180	K180	2240kg	400 / 60 / 80cm
Standard DB 80 / 4m K120S	K120S	2140kg	400 / 60 / 80cm