

ultimate safety – flexible in usage

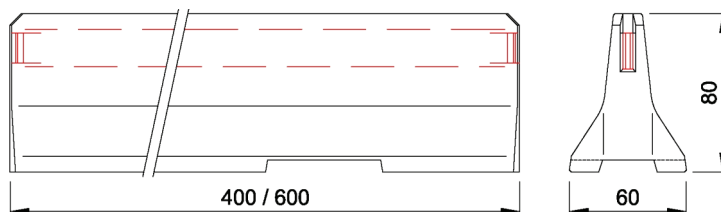


The DB 80 is an up-to-date vehicle restraint system featuring the New Jersey Profile. In connection with the integrated tension bar this system reliably prevents breakthrough of vehicles in case of an impact.

Main features:

- ▶ wide range of use
- ▶ fast installation
- ▶ very low maintenance costs
- ▶ best cost/containment level ratio

The DB 80 system offers a wide range of applications which goes from temporary use at construction sites up to the permanent double-rowed central reservation protection on motorways.



Technical specifications

concrete quality	resistant to frost and de-icing salt (depending on national requirements)
coupling & tension bar	patented coupling and tension bar system, hot-dip galvanised
special lengths	2m, 4m
accessories	approved reflectors, sign posts, butt joint inserts, ...
curve radii	2m elements: $r \geq 40m^*$ 4m elements: $r \geq 80m^*$ 6m elements: $r \geq 120m^*$ <small>* smaller radii are possible, please see section <i>Curves</i> in the <i>Implementation Guide</i></small>
misc.	elastomer butt joint inserts reduce deflection in case of an impact only terminals are fixed to the ground with anchors width of trough: 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
system width	60cm	60cm	200cm	60cm	60cm	60cm
system height	80cm	80cm	80cm	80cm	80cm	80cm
coupling	K150	K150	K150	K180S	K180	K120
installation method						
containment level	N2	H1	H2	H2	H1	N2
ASI	B	B	B	B	B	B
working width	W3	W4	W7	W6	W6	W4
max. deflection	40cm	63cm	40cm	150cm	128cm	58cm
tested system length	108m	108m	108m	108m	56m	56m
				(without terminal elements)		
terminal anchoring	yes	yes	yes	yes	yes	yes
connected to the ground	no	no	no	no	no	no
tested positive	yes	yes	yes	yes	yes	yes

Key facts

	coupling	weight	l / w / h
standard DB 80 / 6m	K150	3115kg	600 / 60 / 80cm
standard DB 80 / 4m	K120	2140kg	400 / 60 / 80cm
standard DB 80 / 4m	K180	2240kg	400 / 60 / 80cm
terminal DB 80 / 4m 2-piece, part 1	K180	1355kg	400 / 60 / 50cm
terminal DB 80 / 4m 2-piece, part 2	K180	2044kg	400 / 60 / 80cm
terminal DB 80 / 4m	K180	1690kg	400 / 60 / 80cm
transition DB 65S / DB 80	K120	1170kg	300 / 60 / 80cm
transition DB 80 / DB 100	K180	2950kg	400 / 70 / 100cm
transition DB 80 / steel	K180	1770kg	400 / 60 / 80cm