

DELTABLOC® DB 80AS-R GENERATION 1

Technical Product Data Sheet

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

In addition to the DB 100AS-R, DELTABLOC® offers another bridge system which was developed to suit the requirements of H2 bridge systems. The DB 80AS-R is used as well for both new bridge constructions and for refurbishment of existing bridges.

Main features

- ▶ high restraint safety (H2)
- ▶ small working width (W4)
- ▶ proved edge beam load reduction by approx. 2/3 in case of impact
- ▶ dilatation sets for expansion joints up to 90cm
- ▶ low maintenance costs

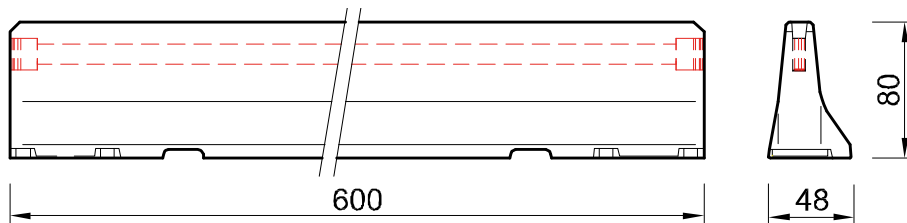


Technical specifications

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 galvanized; patented expansion joint solution
Special lengths	3m
Accessories	approved reflectors, sign posts, accessories for noise barriers and glare shields
Curve radii	3m elements: $r \geq 60m^*$ / 6m elements: $r \geq 120m^*$ / 6m elements: $r \geq 350m$ * with chambered stiffening plates
Misc.	position fixing of the elements by one M16 anchor each 6m

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Technical Specifications



Test results according to EN 1317-2	
Type	DB 80AS-R
Element length	6m
Containment level	H2
Working width	W4
Vehicle Intrusion	VI5
ASI	B
Tension bar	K180
System height	80cm
System width	48cm
Working width	1.1m
Vehicle Intrusion	1.4m
Dynamic deflection	0.7m
Tested system length (without terminal elements)	78m
Terminal anchoring	yes
Anchoring in underground	"R" System – position fixing with stiffening plate
CE certification	yes

Key facts	Tension bar	Weight	l / w / h
Standard DB 80AS-R / 6m K180	K180	3200kg	600 / 48 / 80cm