

# DELATABLOC® DB 80AS-R Step GENERATION 1

## Technical Product Data Sheet

					L1	L2	L3	L4a	L4b
T1	T2	T3	N1	N2	H1	<b>H2</b>	H3	H4a	H4b

The DB 80AS-R Step is a very narrow restraint system for bridges. Due to its system width of only 36cm it is perfect when there is little space for the installation available. Another advantage in contrast to other systems is that the DB 80AS-R Step does not have to be anchored to the ground.

### Main features

- ▶ high restraint safety H2
- ▶ very small working with W4
- ▶ edge beam load reduction in case of impact
- ▶ expansion elements for expansion joints
- ▶ low maintenance costs

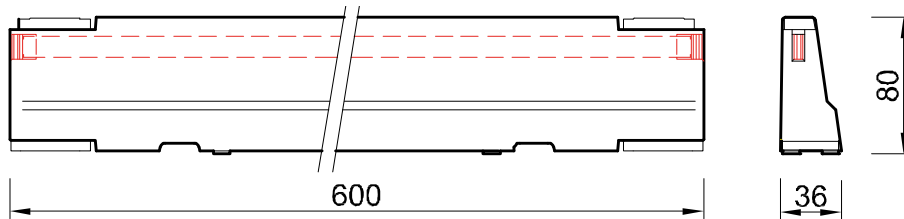


### Technical specifications

<b>Concrete qualities</b>	resistant to frost and de-icing salt (depending on specific national regulations)
<b>Coupling &amp; Tension bar</b>	patented coupling and tension bar system, hot-dip galvanized; patented expansion joint solution
<b>Special lengths</b>	3m
<b>Accessories</b>	approved reflectors, sign posts, accessories for noise barriers and glare shields
<b>Curve radii</b>	3m elements: $r \geq 50m^*$ / 6m elements: $r \geq 100m^*$ / 6m elements: $r \geq 300m$ * with chambered stiffening plates
<b>Misc.</b>	no anchoring to the ground necessary, 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 Step
Element length	6m
Containment level	H2
Working width	W4
Vehicle Intrusion	VI5
ASI	C
Tension bar	K150
System height	80cm
System width	36cm
Working width	1.3m
Vehicle Intrusion	1.4m
Dynamic deflection	0.9m
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 Step / 6m K150	K150	3120kg	600 / 36 / 80cm