

# DELATABLOC® DB 80E FACELIFT

## Technical Product Data Sheet

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

The DB 80E was especially designed for application in areas with the most minimum space available. It provides an extraordinary solution for planning challenges posed by the securing of foundations, gantries and bridge pillars etc.

Because of the symmetrical design the containment level H2 can be ensured on both sides in case of an impact – even without any displacement of the system.

### Main features

- ▶ smallest possible working width (W1)  
no system displacement (0cm)
- ▶ tested to containment level H2
- ▶ symmetric for single-rowed positioning on the central reservation



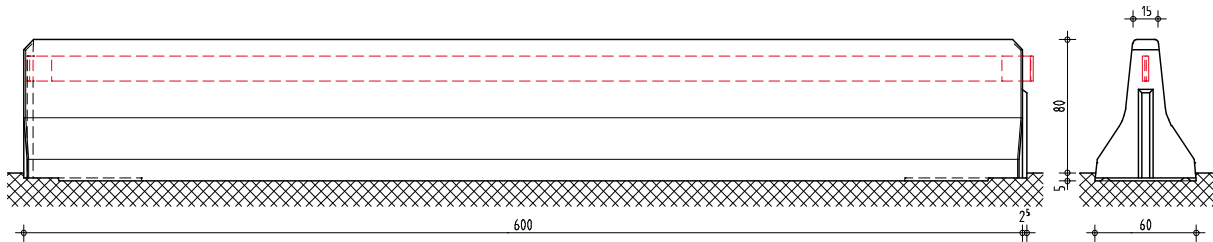
### Technical specifications

<b>Concrete qualities</b>	resistant to frost and de-icing salt (depending on specific national regulations)
<b>Coupling &amp; Tension bar</b>	modern tension bar system, hot-dip galvanized
<b>Accessories</b>	tested reflectors, traffic sign mounts
<b>Curve radii</b>	6m elements: $r \geq 120m$ (smaller radii available on request)
<b>Misc.</b>	The restraint system is embedded in the surface of the carriageway, either a) before the finishing of the road surface by setting and subsequent surfacing or b) by inserting the element base into an asphalt recess of min. 4cm depth.

# DELATABLOC®

## DB 80E FACELIFT

### Technical Specifications



Test results according to EN 1317-2		
Type	DB 80E	DB 80E
Element length	6m	6m
Containment level	H2	H2
Working width	W1	W1
Vehicle Intrusion	VI2	VI1
ASI	B	B
Tension bar	T150S	T150S
System height	80cm (embedded 4cm)	80cm (embedded 5cm)
System width	60cm (at road surface level)	60cm (at road surface level)
Working width	0.6m	0.6m
Vehicle Intrusion	0.8m	0.6m
Dynamic deflection	0.0m	0.1m
Tested system length (without terminal elements)	48m	42m
Terminal anchoring	no	no
Anchoring in underground	yes (“E” System – embedding in road surface)	yes (“E” System – embedding in road surface)
CE certification	yes	yes

Key facts	Tension bar	Weight	l / w / h
Standard DB 80E / 6m T150S	T150S	3410kg	600 / 62 / 84cm
Standard DB 80E / 6m T150S	T150S	3480kg	600 / 62 / 85cm

# DELATABLOC® DB 80E GENERATION 1

## Technical Product Data Sheet



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

The DB 80E was especially designed for application in areas with the most minimum space available. It provides an extraordinary solution for planning challenges posed by the securing of foundations, gantries and bridge pillars etc.

Because of the symmetrical design the containment level H2 can be ensured on both sides in case of an impact – even without any displacement of the system.

As DB “2-in-1”-system the DB 80E is usable both as free standing safety barrier with containment level N2 and as embedded permanent safety barrier with H2.

### Main features

- ▶ smallest possible working width (W1)  
no system displacement (0cm)
- ▶ tested to containment level H2
- ▶ symmetric for single-rowed positioning on the central reservation



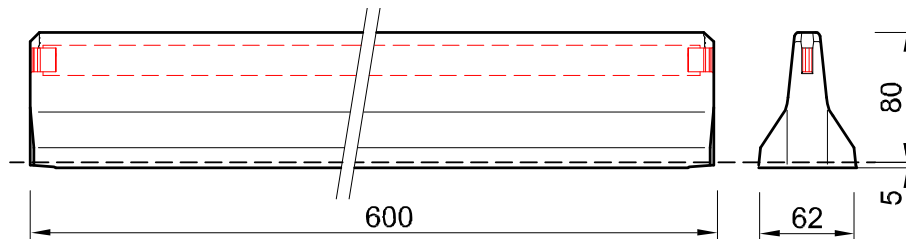
### Technical specifications

<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 galvanised
<b>Accessories</b>	tested reflectors, traffic sign mounts, butt joint inserts ...
<b>Curve radii</b>	6m elements: r ≥ 120m (smaller radii available on request)
<b>Misc.</b>	The restraint system is embedded in the surface of the carriageway, either a) before the finishing of the road surface by setting and subsequent surfacing or b) by inserting the element base into an asphalt recess of 5 cm depth.

# DELATABLOC®

## DB 80E GENERATION 1

### Technical Specifications



Test results according to EN 1317-2		
Type	DB 80E	DB 80E
Element length	6m	6m
Containment level	H2	N2
Working width	W1	W3
Vehicle Intrusion	VI1	-
ASI	B	B
Tension bar	K150S	K150S
System height	80cm (embedded)	85cm
System width	60cm (at road surface level)	62cm
Working width	0.6m	1.0m
Vehicle Intrusion	0.6m	-
Dynamic deflection	0.1m	0.4m
Tested system length (without terminal elements)	42m	108m
Terminal anchoring	no	yes
Anchoring in underground	yes ("E" System – embedding in road surface)	no
CE certification	yes	yes

Key facts	Tension bar	Weight	l / w / h
Standard DB 80E / 6m K150S	K150S	3940kg	600 / 62 / 85cm