



Landesgesellschaft  
Österreich

## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

### Products

see pages 2-17

In license for  
**DELTA BLOC International GmbH**  
**Industriestraße 28**  
**2601 Sollenau, Austria**

placed on the market under the name of  
**TILTS sia**  
**Spilves iela 18**  
**1055 Riga, Latvia**

and produced in the manufacturing plant  
**TILTS sia**  
**Spilves iela 18**  
**1055 Riga, Latvia**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA 1.b of the standard

**EN 1317-5:2007+A2:2012/AC:2012**

under system 1 for the performances set out above are applied and that the construction products fulfil all the prescribed requirements for these performances.

This certificate was first issued on 25.08.2014 and will remain valid until 21.08.2021 or as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the product certification body.

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 65S/ 6m K120S / N2 / H1 / L1

Containment level:	N2	H1	L1
Normalized Working width:	W4	W6	W6
Normalized vehicle intrusion:	NPD	VI 6	VI 6
Impact severity:	B	B	B
Normalized dynamic deflection:	1.0 m	1.4 m	1.4 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B706600	B706600	B706600
Assessment report:	62615	62615	62615
Application:	free standing	free standing	free standing

### SB 50 / 6m N2

Containment level:	N2
Normalized Working width:	W5
Normalized vehicle intrusion:	NPD
Impact severity:	B
Normalized dynamic deflection:	1.2 m
Resistance to snow removal:	Class 4
Production drawing:	B705820
Assessment report:	725118609
Application:	free standing

### SB 70 / 6m N2

Containment level:	N2	N2
Normalized Working width:	W1	W4
Normalized vehicle intrusion:	NPD	NPD
Impact severity:	B	B
Normalized dynamic deflection:	0.2 m	0.9 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B733137	B733137
Installation drawing:	K733137	K733182
Assessment report:	92728	-
Modification report:	-	92731
Application:	pinned	free standing

### SB 70B / 6m H1

Containment level:	H1
Normalized Working width:	W4
Normalized vehicle intrusion:	VI 5
Impact severity:	B
Normalized dynamic deflection:	1.0 m
Resistance to snow removal:	Class 4
Production drawing:	B733287
Installation drawing:	K733287
Assessment report:	725131511_1
Application:	free standing

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80 / 4m K120S / N2

Containment level:	N2
Normalized Working width:	W4
Normalized vehicle intrusion:	NPD
Impact severity:	B
Normalized dynamic deflection:	0.6 m
Resistance to snow removal:	Class 4
Production drawing:	B683000
Installation drawing:	K683000
Assessment report:	62616
Application:	free standing

### DB 80 / 4m K150S / H1

Containment level:	H1
Normalized Working width:	W6
Normalized vehicle intrusion:	VI 6
Impact severity:	B
Normalized dynamic deflection:	1.3 m
Resistance to snow removal:	Class 4
Production drawing:	B654467
Installation drawing:	K654467
Modification report:	59737_1
Application:	free standing

### DB 80 / 6m K150S / N2 / H1 / L1 / H2 / L2

Containment level:	N2	H1 / L1	H2 / L2
Normalized Working width:	W3	W4	W7
Normalized vehicle intrusion:	NPD	VI 6	VI 6
Impact severity:	B	B	B
Normalized dynamic deflection:	0.4 m	0.6 m	1.0 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B632741	B632741	B632741
Installation drawing:	K632741	K632741	K632741
Assessment report:	59737	59737	59737
Application:	free standing	free standing	free standing

### DB 80 / 6m K180S / H2

Containment level:	H1	H2	H2	H2
Normalized Working width:	W4	W6	W7	W8
Normalized vehicle intrusion:	VI 6	VI 6	VI 6	VI 6
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.6 m	1.5 m	1,0 m	1.5 m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B696757	B696757	B696757	B696757
Installation drawing:	-	K696757	-	-
Assessment report:	-	16308	-	-
Modification report:	725148718	-	16543_rev1	16543_rev1
Application:	free standing	free standing	free standing	free standing

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80 / 6m T180S / N2 / H2 / L2

Containment level:	N2	H2	L2
Normalized Working width:	W4	W5	W5
Normalized vehicle intrusion:	NPD	VI 5	VI 5
Impact severity:	B	B	B
Normalized dynamic deflection:	0.5 m	1.1 m	1.1 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B668533	B668533	B668533
Installation drawing:	K668533	K668533	K668533
Assessment report:	725037644	725037644	725037644
Application:	free standing	free standing	free standing

### DB 80AS / 4m K90S / N2

Containment level:	N2
Normalized Working width:	W4
Normalized vehicle intrusion:	NPD
Impact severity:	B
Normalized dynamic deflection:	0.9 m
Resistance to snow removal:	Class 4
Production drawing:	B696782
Installation drawing:	K696782
Assessment report:	62617
Application:	free standing

### DB 80AS / 6m K120 / H2

Containment level:	H2	H2
Normalized Working width:	W7	W7
Normalized vehicle intrusion:	VI 5	VI 5
Impact severity:	B	B
Normalized dynamic deflection:	0.2 m	0.2 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B5961	B706732
Installation drawing:	K5961	K706733
Assessment report:	62618	-
Modification report:	-	48958 Rev1
Application:	free standing	5cm embedding

### DB 80AS / 6m H2 (changed concrete elements)

Containment level:	H2	H2	H2
Normalized Working width:	W5-W8	W5-W8	W7
Normalized vehicle intrusion:	VI 5	VI 5	VI 5
Impact severity:	B	B	B
Normalized dynamic deflection:	0.2 m	0.2 m	0,2 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B683055 B706985	B683055 B706985 B731085	B683055 B706985
Installation drawing:	K738145	K738143	K738163
Modification report:	725117424_6_rev1	725117424_6_rev1	725117424_6_rev1
Application:	2-row backfilled with DB 80AS-E elements	2-row backfilled with DB 80AS-E and DB 80F elements	1-row backfilled with DB 80AS-E elements

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80E / 6m K150S / N2 / H2

Containment level:	H2	H2	N2	H2
Normalized Working width:	W1	W1	W3	W1
Normalized vehicle intrusion:	VI 1	VI 1	NPD	VI 1
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.1 m	0.1 m	0.4 m	0.1 m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B683070	B702974	B683070	B683070
Installation drawing:	K683070	K702974	-	K738455-DE.2 & -4
Assessment report:	62619	-	-	-
Modification report:	-	43063	21714_rev1	725154075
Application:	5cm embedding	10cm embedding	free standing	4cm embedding, asphalt, concrete, roadside

### DB 80E / 6m T150S / H2 / N2

Containment level:	H2	H2	N2
Normalized Working width:	W1	W1	W3
Normalized vehicle intrusion:	VI 2	VI 1	NPD
Impact severity:	B	B	B
Normalized dynamic deflection:	0.0 m	0.1 m	0.4 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B706749	B668688	B706749
Installation drawing:	K706749	K668688	-
Assessment report:	68955	-	-
Modification report	-	60302	21714_rev1
Application:	4cm embedding	5cm embedding	free standing

### DB 80AS-E / 6m K180S / H2 W1/W2

Containment level:	H2	H2	H2
Normalized Working width:	W1	W1	W2
Normalized vehicle intrusion:	VI1	VI2	VI 2
Impact severity:	B	B	B
Normalized dynamic deflection:	0.0 m	0.0 m	0.3m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B683055	B683055	B683055
Installation drawing:	K702923	K733049 & K733050	K702922
Assessment report:	57577	63864_rev1	57583
Application:	with reinforced abutment	embedded in asphalt	with non-reinforced abutment

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80AS-E / 6m K180S / H2 W1/W2 with backfilling

Containment level:	H2	H2	H2	H2
Normalized Working width:	W1	W1	W2	Varying by system width
Normalized vehicle intrusion:	VI 1	VI 2	VI 2	VI 1
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.0 m	0.0 m	0.3 m	0.0m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B683055	B683055	B683055	B683055
Installation drawing:	K738717	K738322	K738718	-
Modification report:	725117424_3	725117424_3	725117424_3	37631-2_rev2
Application:	1-row with backfilling with reinforced abutment	1-row with backfilling in asphalt	1-row with backfilling with non-reinforced abutment	2-row with backfilling (no abutment)

### DB 80AS-E / 6m T150S / H2 W1

Containment level:	H2	H2	H2	H2
Normalized Working width:	W1	W1	W1	W1
Normalized vehicle intrusion:	VI 1	VI 2	VI 1	VI 2
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.0 m	0,0 m	0,0 m	0,0 m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B706985	B706879 & B706985	B706985	B706879 & B706985
Installation drawing:	K738238	K738236 & K738237	K738161	K738144 & K738147
Modification report:	63864_rev1	63864_rev1	725117424_3	725117424_3
Application:	with reinforced abutment	embedded in asphalt	1-row with backfilling with reinforced abutment	1-row with backfilling embedded in asphalt

### DB 80AS-E / 6m T150S / H2 W2

Containment level:	H2	H2
Normalized Working width:	W2	W2
Normalized vehicle intrusion:	VI 2	VI 2
Impact severity:	B	B
Normalized dynamic deflection:	0.3 m	0,3 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B706985	B706985
Installation drawing:	K738239	K738162
Modification report:	725117424_2	725117424_3
Application:	with non-reinforced abutment	1-row with backfilling and non reinforced abutment

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80F / 6m K180 / H2

Containment level:	H2	H2
Normalized Working width:	W3	W3
Normalized vehicle intrusion:	VI 3	VI3
Impact severity:	B	B
Normalized dynamic deflection:	0.4 m	0.4 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B632987	B706504
Installation drawing:	K632987	K_P10240.13
Assessment report:	48509_rev1	-
Modification report	-	30759
Application:	one-sided ram pins on traffic side	double-sided ram pins on sides (4 pins)

### DB 80F / 6m K180SW / H2

Containment level:	H2	H2	H2
Normalized Working width:	W3	W3	W3
Normalized vehicle intrusion:	VI 3	VI 5	VI 5
Impact severity:	B	B	B
Normalized dynamic deflection:	0,4m	0.3 m	0.4 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B706545	B706545	B706545
Installation drawing:	K706545	K706545	K706545
Assessment report:	-	91088	-
Modification report:	37633- 1_rev1	-	37633-1_rev1
Application:	one-sided ram pins on traffic side	one-sided ram pins on back side	double-sided ram pins on traffic side or back side

### DB 80F / 6m K180SW / H2 (installation on asphalt surface)

Containment level:	H2	H2	H2
Normalized Working width:	W3	W3	W3
Normalized vehicle intrusion:	VI 3	VI 5	VI 5
Impact severity:	B	B	B
Normalized dynamic deflection:	0,4m	0.3 m	0.4 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B706545	B706545	B706545
Installation drawing:	K706891 & K706995	K706891 & K706995	K706891 & K706995
Modification report:	62636	62636	62636
Application:	one sided ram pins on traffic side	one-sided ram pins on back side	double-sided ram pins on side or back side

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Containment level:	N2	H2 / L2	H2 / L2
Normalized Working width:	W2	W2	W3
Normalized vehicle intrusion:	-	VI 3	VI 5
Impact severity:	B	B	B
Normalized dynamic deflection:	0,1m	0,2m	0,4m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B733072	B733072	B733072
Installation drawing:	K733072	K733072	K733072
Certification report:	93126	93126	-
Modification report	-	-	725113788_4
Application:	one-sided, ram pins on back side	one-sided, ram pins on back side	double-sided ram pins on traffic side or back side

**DB 80F / 6m T150S / H2 / L2 (installation on gravel on surface level)**

Containment level:	H2 / L2	H2 / L2	H2 / L2	H2 / L2
Normalized Working width:	W2	W3	W3	W3
Normalized vehicle intrusion:	VI 3	VI 3	VI 5	VI 5
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0,2m	0,4m	0,3m	0,4m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B733132	B733132	B733132	B733132
Installation drawing:	K738197	K738198	K738192	K738192
Modification report:	725117424_5	725118679_1	725118679_1	725118679_1
Application:	one-sided, ram pins on back side	one-sided, ram pins on traffic side	one-sided, ram pins on back side	double-sided ram pins on traffic side or back side

**DB 80F / 6m T150S / H2 / L2 (installation on asphalt surface)**

Containment level:	H2 / L2	H2 / L2	H2 / L2	H2 / L2
Normalized Working width:	W2	W3	W3	W3
Normalized vehicle intrusion:	VI 3	VI 3	VI 5	VI 5
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0,2m	0,4m	0,3m	0,4m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B733132	B733132	B733132	B733132
Installation drawing:	K738151 & K738153	K738152 & K738154	K738152 & K738154	K738152 & K738154
Modification report:	62636	62636	62636	62636
Application:	on asphalt surface, one-sided, ram pins on back side	on asphalt surface, one-sided, ram pins on traffic side	on asphalt surface, one-sided, ram pins on back side	on asphalt surface, double-sided ram pins on traffic side or back side

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 80F / 6m T150S / H2 / L2 (installation on gravel 4cm under surface level)

Containment level:	H2 / L2	H2 / L2	H2 / L2	H2 / L2
Normalized Working width:	W2	W2	W3	W3
Normalized vehicle intrusion:	VI 3	VI 3	VI 5	VI 5
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0,2m	0,2m	0,4m	0,4m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B731085	B731085	B731085	B731085
Installation drawing:	K738219	K738222	K738220	K738223
Modification report:	725118679_3	725118679_3	725118679_3	725118679_3
Application:	4cm under surface level, one-sided, ram pins on back side	1-row with backfilling, 4cm under surface level, one-sided, ram pins on back side	4cm under surface level, one-sided, ram pins on traffic side	1-row with backfilling, 4cm under surface level, one-sided, ram pins on traffic side

### DB 80P / 6m T150S ZDC / H2

Containment level:	H2	H2
Normalized Working width:	W2	W2
Normalized vehicle intrusion:	VI 4	VI 4
Impact severity:	B	B
Normalized dynamic deflection:	0.3 m	0.3 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B733149	B733149
Installation drawing:	K733239	K733239
Assessment report:	725117210	-
Modification report:	-	725149643_2
Application:	pinned in asphalt pins on back side	double sided, pinned in asphalt pins on one side

### DB 80AS-F / 6m K120S / H2

Containment level:	H2
Normalized Working width:	W3
Normalized vehicle intrusion:	VI 4
Impact severity:	B
Normalized dynamic deflection:	0.4 m
Resistance to snow removal:	Class 4
Production drawing:	B683038
Installation drawing:	K683038
Assessment report:	57584
Application:	anchored on concrete

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 90 Step / 6m K220 / H2

Containment level:	H2
Normalized Working width:	W6
Normalized vehicle intrusion:	VI 6
Impact severity:	C
Normalized dynamic deflection:	1.3 m
Resistance to snow removal:	Class 4
Production drawing:	B632862
Installation drawing:	K632862
Assessment report:	62621
Application:	free standing

### DB 100S / 3m K280 / H3

Containment level:	H3
Normalized Working width:	W6
Normalized vehicle intrusion:	VI 9
Impact severity:	B
Normalized dynamic deflection:	1.5 m
Production drawing:	B706024
Installation drawing:	K706024
Resistance to snow removal:	Class 4
Assessment report:	27227
Application:	free standing

### DB 100S / 6m K150 / H1 / H4b

Containment level:	H1	H4b
Normalized Working width:	W5	W7
Normalized vehicle intrusion:	VI 7	VI 9
Impact severity:	B	B
Normalized dynamic deflection:	0.7 m	1.2 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B8876	B8876
Assessment report:	62622_2	62622_1
Application:	free standing	free standing

### DB 100S / 6m K220 / N2 / H2 / L2 / H3 / L3

Containment level:	N2	H2 / L2	H3 / L3
Normalized Working width:	W3	W5	W7
Normalized vehicle intrusion:	NPD	VI 5	VI 9
Impact severity:	B	A / B	A / B
Normalized dynamic deflection:	0.3 m	1.0 m	1.7 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B696066	B9972	B696066
Installation drawing:	K696066	K9972	K696066
Assessment report:	62623	62623	62623
Application:	free standing	free standing	free standing

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### DB 100S / 6m T250E (with / without FRC) / H3

Containment level:	H3	H3
Normalized Working width:	W6	W6
Normalized vehicle intrusion:	VI 7	VI 7
Impact severity:	B	B
Normalized dynamic deflection:	1.4 m	1.4 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B733069	B733116
Installation drawing:	K733069	K733116
Assessment report:	79804_1Rev1	79804_2
Application:	free standing	free standing
Notes:	FRC concrete	without FRC concrete

### DB 100 / 2m K280 / H4b

Containment level:	H4b
Normalized Working width:	W8
Normalized vehicle intrusion:	VI 9
Impact severity:	B
Normalized dynamic deflection:	2.2 m
Resistance to snow removal:	Class 4
Production drawing:	B696758
Installation drawing:	K696758
Assessment report:	16310
Application:	free standing

### DB 100 / 6m K280 / H4a / H4b

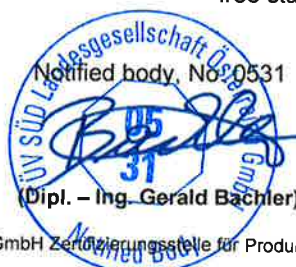
Containment level:	H4a	H4b
Normalized Working width:	W6	W6
Normalized vehicle intrusion:	VI 9	VI 9
Impact severity:	B	B
Normalized dynamic deflection:	1.4 m	1.1 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B654398	B9181
Installation drawing:	K654398	K9181
Assessment report:	48474_rev1	48474_rev1
Application:	free standing	free standing

### DB 110 / 6m K280 / H4b

Containment level:	H4b
Normalized Working width:	W6
Normalized vehicle intrusion:	VI 9
Impact severity:	B
Normalized dynamic deflection:	1.1 m
Resistance to snow removal:	Class 4
Production drawing:	B706239
Modified by IRMA NB 1374:	report 02-092-14/12
Application:	free standing

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**Certificate of constancy of performance**  
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**DB 120S / 4m K220 / H2**

Containment level: H2  
Normalized Working width: W5  
Normalized vehicle intrusion: VI 4  
Impact severity: B  
Normalized dynamic deflection: 1.1 m  
Resistance to snow removal: Class 4  
Production drawing: B653767  
Installation drawing: K653767  
Assessment report: 62624  
Application: free standing

**DB 120S / 6m K280E / H4b**

Containment level:	H4b	H4b	H4b	H4b
Normalized Working width:	W5	W5	W5	W5
Normalized vehicle intrusion:	VI 6	VI 6	VI 6	VI 6
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.9 m	0.9 m	0.9 m	0.9 m
Resistance to snow removal:	Class 4	Class 4	Class 4	Class 4
Production drawing:	B733044	B733044	B733046	B733046
Installation drawing:	K733046	-	K733046	-
Assessment report:	29314	-	-	-
Modification report:	-	725029974	725114855_2	725029974
Application:	free standing on asphalt	free standing on concrete	with DB- mesh - free standing on asphalt	with DB- mesh - free standing on concrete

**DB 120S / 6m T280E / H4b**

Containment level: H4b  
Normalized Working width: W5  
Normalized vehicle intrusion: VI 6  
Impact severity: B  
Normalized dynamic deflection: 0.9 m  
Resistance to snow removal: Class 4  
Production drawing: B714986  
Installation drawing: K714986  
Assessment report: 29314r1  
Modification report: 725149643\_3  
Application: free standing  
on asphalt

**DB 120S-F / 6m K280E / H2 / H4b**

Containment level:	H2	H4b	H4b
Normalized Working width:	W2	W3	W3
Normalized vehicle intrusion:	VI 2	VI 7	VI 8
Impact severity:	B	B	B
Normalized dynamic deflection:	0.2 m	0.3 m	0.2 m
Resistance to snow removal:	Class 4	Class 4	Class 4
Production drawing:	B706859	B706859	B706859
Installation drawing:	K706859	K706859	-
Assessment report:	725131511_3	61485_rev2	61485_rev2
Application:	ram pins on both sides possible	ram pins on traffic side	ram pins on back side

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## Certificate of constancy of performance 0531 – CPR – 1317 – 1475

### DB 120S-F / 6m T280E / H2 / H4b

Containment level:	H2	H4b
Normalized Working width:	W2	W3
Normalized vehicle intrusion:	VI 2	VI 8
Impact severity:	B	B
Normalized dynamic deflection:	0.2 m	0.3 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B714987	B714987
Installation drawing:	K714987	K714987
Assessment report:	725131511_3	61485_rev2
Modification report:	725149643_4	725149643_4
Application	ram pins on traffic side	ram pins on one side, double sided possible

### DB 120S-F / 6m K280E / H4b – rammed on asphalt

Containment level:	H4b	H4b	H4b	H4b
Normalized Working width:	W3	W3	W3	W3
Normalized vehicle intrusion:	VI 7	VI 8	VI 7	VI 8
Impact severity:	B	B	B	B
Normalized dynamic deflection:	0.3 m	0.2 m	0,3m	0.2 m
Resistance to snow removal:	Class 4	Class 4	Class4	Class 4
Production drawing:	B706859	B706859	B706859	B706859
Installation drawing:	K706996	-	K706894	-
Modification report:	725117424_1	725117424_1	725117424_1	725117424_1
Application	pins rammed through asphalt surface layer		drill holes in asphalt	drill holes in asphalt

### DB 120S-A / 6m K280E / H4b

Containment level:	H4b	H4b
Normalized Working width:	W2	W2
Normalized vehicle intrusion:	VI 5	VI 5
Impact severity:	B	B
Normalized dynamic deflection:	0.1 m	0.1 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B706859	B706859
Installation drawing:	K706895	K706895
Modification report:	90433 Rev. 1	90433 Rev.1
Application	anchors on traffic side	anchors on back side

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### DB 120S-P / 6m T280E / H4b – pinned on asphalt

Containment level:	H4b	H4b
Normalized Working width:	W3	W3
Normalized vehicle intrusion:	VI 7	VI 8
Impact severity:	B	B
Normalized dynamic deflection:	0.5 m	0.5 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B706859	B706859
Installation drawing:	K706895	K706895
Assessment report:	725131511_2	725149643_1
Application:	pins anchors on traffic side	anchors on traffic side or back side

### DB 80AS-R / 6m K180 / H2

Containment level:	H2
Normalized Working width:	W4
Normalized vehicle intrusion:	VI 5
Impact severity:	B
Normalized dynamic deflection:	0.6 m
Resistance to snow removal:	Class 4
Production drawing:	B689940
Installation drawing:	K689940
Assessment report:	62625
Application:	secured in position on bridge cap

### DB 80AS-R Step / 6m K150 / H2

Containment level:	H2
Normalized Working width:	W4
Normalized vehicle intrusion:	VI 5
Impact severity:	C
Normalized dynamic deflection:	0.9 m
Resistance to snow removal:	Class 4
Production drawing:	B8928
Assessment report number:	23866
Application:	secured in position on bridge cap

### DB 80AS-A / 6m K120S / H2

Containment level:	H2	H2
Normalized Working width:	W1	W1
Normalized vehicle intrusion:	VI 2	VI 2
Impact severity:	B	B
Normalized dynamic deflection:	0.1 m	0.1 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B696762	B696762
Installation drawing:	K696762	K702915
Assessment report:	48715	-
Modification report:	-	37633
Application:	anchored on bridge cap	anchored on bridge cap with protection grid

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Containment level:	H2	H2
Normalized Working width:	W2	W2
Normalized vehicle intrusion:	VI 1	VI 1
Impact severity:	B	B
Normalized dynamic deflection:	0.2 m	0.2 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B733149	B733149
Installation drawing:	K733149	K731215
Assessment report:	88452	-
Modification report:	-	725101669_1
Application	Anchors on back side	Anchors on traffic side

**DB 100AS-R / 6m K280 / H4b**

Containment level:	H4b	
Normalized Working width:	W5	
Normalized vehicle intrusion:	VI 9	
Impact severity:	B	
Normalized dynamic deflection:	1.0 m	
Resistance to snow removal:	Class 4	
Production drawing:	B10305	
Installation drawing:	K10305	
Assessment report:	62633	
Application modification:	secured in position on bridge cap	

**DB 100R / 6m K280 / H4b**

Containment level:	H4b	H4b
Normalized Working width:	W5	W5
Normalized vehicle intrusion:	VI 9	VI 9
Impact severity:	B	B
Normalized dynamic deflection:	1.0 m	1.0 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B696842	B696842
Installation drawing:	K707330	K707635
Modification report:	725109615_1	725109615_1
Application modification:	secured in position on bridge cap	secured in position on asphalt

**DB 120S-A / 6m T280E FRC / H4b**

Containment level:	H4b	H4b
Normalized Working width:	W2	W2
Normalized vehicle intrusion:	VI 5	VI 5
Impact severity:	B	B
Normalized dynamic deflection:	0.1 m	0.1 m
Resistance to snow removal:	Class 4	Class 4
Production drawing:	B733097	B733097
Installation Drawing:	K733097	-
Assessment report:	88451	-
Modification report:	-	93862
Application	Anchors on back side	Anchors on traffic side

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#### DB 80 LSW-R / 6m / H2

Containment level:	H2
Normalized Working width:	W5
Normalized vehicle intrusion:	VI 4
Impact severity:	B
Normalized dynamic deflection:	1.2 m (top of noise barrier)
Resistance to snow removal:	Class 4
Production drawing:	B632992 & B654063
Assessment report:	48476
Application:	free standing variable height

#### DB 100 LSW-M / 6m / H4b

Containment level:	H4b
Normalized Working width:	W5
Normalized vehicle intrusion:	VI 5
Impact severity:	B
Normalized dynamic deflection:	0.6 m
Resistance to snow removal:	Class 4
Production drawing:	B632927 & B654058
Assessment report:	48473
Application:	free standing variable height

#### DB 100 NBF / 5m T180 / H2

Containment level:	H2
Normalized Working width:	W4
Normalized vehicle intrusion:	VI 1
Impact severity:	B
Normalized dynamic deflection:	0.3 m
Resistance to snow removal:	Class 4
Production drawing:	B714756
Installation drawing:	K714755
Assessment report:	725109603_1
Application:	free standing variable height

#### DB 150 NBF / 5m T280 / H4b

Containment level:	H4b
Normalized Working width:	W5
Normalized vehicle intrusion:	VI 3
Impact severity:	B
Normalized dynamic deflection:	0.3 m
Resistance to snow removal:	Class 4
Production drawing:	B714757
Installation drawing:	K732055
Assessment report:	725109603_2
Application:	free standing variable height

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### DB 120S LMF / 6m / H2

Containment level:	H2
Normalized Working width:	W4
Normalized vehicle intrusion:	VI 2
Impact severity:	B
Normalized dynamic deflection:	0.3 m
Resistance to snow removal:	Class 4
Production drawing:	B730842 & B730847
Installation drawing:	K733194
Assessment report:	725109603_3
Application:	free standing

### Safegate DB 100 / 6m K280 / H4b

Containment level:	H4b
Normalized Working width:	W6
Normalized vehicle intrusion:	VI 9
Impact severity:	B
Normalized dynamic deflection:	1.1 m
Resistance to snow removal:	Class 4
Installation drawing:	K705322
Modification report:	40862
Application:	free standing on asphalt or concrete

### Safegate DB 120S / 6m K280E / H4b

Containment level:	H4b
Normalized Working width:	W5
Normalized vehicle intrusion:	VI 6
Impact severity:	B
Normalized dynamic deflection:	0.9 m
Resistance to snow removal:	Class 4
Installation Drawing:	K706557
Modification report:	44151
Application:	free standing on asphalt or concrete

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