



Landesgesellschaft
Österreich

Certificate of constancy of performance 0531 – CPR – 1317 – 1923

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 to 8

In license by

DELTABLOC INTERNATIONAL GMBH

Kirchdorfer Platz 2
2752 Wöllersdorf, Austria

placed on the market under the name of

Saferoad Traffic AB

Volvogatan 2
731 29 Köping, Sweden

and produced in the manufacturing plant

Saferoad Traffic AB

Verkstadsvägen 40
71436 Kopparberg, Sweden

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

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

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 28.04.2016 and will remain valid until 31.12.2027 if neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Vienna, 18.12.2024

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Notified Body No. 0531

(Dipl.-Ing. Franz Stadler)

Product	Containment level	Normalized Working width	Normalized vehicle intrusion	Impact severity	Normalized dynamic deflection	Resistance class to snow removal	Assessment report/ Modification report	Production drawing	Installation drawing	Remarks
DB 65S										
DB 65S 6m K120S	N2	W4	-	B	1,0 m	4	62615	B653781	K706600	free-standing
DB 65S 6m K120S	H1	W6	VI6	B	1,4 m	4	62615	B653781	K706600	free-standing
DB 65S 6m K120S	L1	W6	VI6	B	1,4 m	4	62615	B653781	K706600	free-standing
DB 65S 6m K120S STM	N2	W4	-	B	1,0 m	4	725188200_5	B706600	K706600	free-standing
DB 65S 6m K120S STM	H1	W6	VI6	B	1,4 m	4	725188200_5	B706600	K706600	free-standing
DB 65S 6m K120S STM	L1	W6	VI6	B	1,4 m	4	725188200_5	B706600	K706600	free-standing
SB 50										
SB 50 6m MW180	N2	W5	-	B	1,2 m	4	725118609	B705820	K705820	free-standing
SB 70										
SB 70 6m MW180	N2	W4	-	B	0,9 m	4	92731	B733137	K733137	free-standing
SB 70 6m MW180 FL	N2	W4	-	B	0,9 m	4	7725241050_6	B782474	K782474	free-standing
SB 70 6m MW180 FL	H1	W4	VI4	B	1,3	4	7725241050_6	B782474	K782474	free-standing
SB 70P 6m MW180 PA	N2	W1	-	B	0,2 m	4	92728	B733137	K733182	pinned
SB 70B 6m MW180	H1	W4	VI5	B	1,0 m	4	725131511_1	B733287	K733287	free-standing
DB 80										
DB 80 4m K120S	N2	W4	-	B	0,6 m	4	62616	B683000	K683000	free-standing
DB 80 4m K150S	H1	W6	VI6	B	1,3 m	4	59737_1	B654467	K654467	free-standing
DB 80 6m K150S	N2	W3	-	B	0,4 m	4	59737	B632741	K632741	free-standing
DB 80 6m K150S	H1/L1	W4	VI6	B	0,6 m	4	59737	B632741	K632741	free-standing
DB 80 6m K150S 2R	H2/L2	W7	VI6	B	1,0 m	4	59737	B632741	K755077	free-standing, double rows
DB 80 6m K180S	H1	W4	VI6	B	0,6 m	4	725148718	B696757	K696757	free-standing
DB 80 6m K180S	H2	W6	VI6	B	1,5 m	4	16308 rev.2	B696757	K696757	free-standing
DB 80 6m K180S 2R	H2	W7	VI6	B	1,0 m	4	16543_rev1	B696757		double rows dist. 30-80cm
DB 80 6m K180S 2R	H2	W8	VI6	B	1,5 m	4	16543_rev1	B696757		double rows dist. 80-150cm
DB 80 6m T180S	N2	W4	-	B	0,5 m	4	725114855_1	B733085	K733085	free-standing
DB 80 6m T180S	H2/L2	W5	VI5	B	1,1 m	4	725114855_1	B733085	K733085	free-standing
DB 80 SafeSound 6m K150S	N2	W3	-	B	0,4m	4		B733697	K733697	
DB 80AS										
DB 80AS 4m K90S	N2	W4	-	B	0,9 m	4	62617 rev1	B696782	K696782	free-standing
DB 80AS 6m K120 2R BF	H2	W7	VI5	B	0,2 m	4	62618 rev2	B5961	K5961	free-standing, double rows, backfilling

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DB 80E										
DB 80E 6m K150S H85	H2	W1	VI1	B	0,1 m	4	62619 rev1	B683070	K683070	5 cm embedded
DB 80E 6m K150S H85 E4	H2	W1	VI1	B	0,1 m	4	725154075	B683070	K738455-DE.2 &-4	4 cm embedded, on asphalt and concrete
DB 80E 6m K150S H90	H2	W1	VI1	B	0,1 m	4	43063	B702974	K702974	10 cm embedded
DB 80E 6m K150S H85 TA	N2	W3	-	B	0,4 m	4	21714_rev1	B683070	K745409	free-standing
DB 80E 6m T150S H85	H2	W1	VI1	B	0,1 m	4	60302 Rev. 1	B668688	K668688	5 cm embedded
DB 80E 6m T150S H85 E4	H2	W1	VI2	B	0,0 m	4	725154075	B706749	K714751	4 cm embedded, on asphalt and concrete
DB 80E 6m T150S H85 JC CR	H2	W1	VI1	B	0,1 m	4	725164219_3	B714976	K714976	cable recesses
DB 80AS-E										
DB 80AS-E 6m K180S H92 BR	H2	W1	VI1	B	0,0 m	4	57577_rev1	B683055	K702923	backing beam reinforced
DB 80AS-E 6m K180S H92 BU	H2	W2	VI2	B	0,3 m	4	57583_rev1	B683055	K702922	backing beam unreinforced
DB 80AS-E 6m K180S H92 BF 2R	H2	W5-W8	VI5	B	0,2 m	4	725117424_6 rev3	B683055	K745379	2 row, back filled, 12 cm embedded
DB 80AS-E 6m K180S H92 BF	H2	W7	VI5	B	0,2 m	4	725117424_6 rev3	B683055	K745378	1 row, back filled, 12 cm embedded
DB 80AS-E 6m T150S H87	H2	W1	VI2	B	0,0 m	4	63864_rev2	B706879	K738236 K706879	7 cm embedded
DB 80AS-E 6m T150S H92	H2	W1	VI2	B	0,0 m	4	63864_rev2	B706985	K738237K7	7 + 5 cm embedded
DB 80AS-E 6m T150S H92 BR	H2	W1	VI1	B	0,0 m	4	63864_rev2	B706985	K738238K7	backing beam reinforced
DB 80AS-E 6m T150S H92 BU	H2	W2	VI2	B	0,3 m	4	725117424_2	B706985	K738239	backing beam unreinforced
DB 80AS-E 6m T150S H87 BF	H2	W1	VI2	B	0,0 m	4	725117424_3	B706879	K738147	1 row. 7 cm embedded, optionally back filled
DB 80AS-E 6m T150S H92 BF	H2	W1	VI2	B	0,0 m	4	725117424_3	B706985	K738144	1 row, 7 + 5 cm embedded, on asphalt, optionally back filled
DB 80AS-E 6m T150S H92 BR BF	H2	W1	VI1	B	0,0 m	4	725117424_3	B706985	K738161	1 row, backing beam reinforced, optionally back filled
DB 80AS-E 6m T150S H92 BU BF	H2	W2	VI2	B	0,3 m	4	725117424_3	B706985	K738162	1 row, 12 cm embedded, backing beam unreinforced, optionally back filled
DB 80AS-E 6m T150S H92 BF 2R	H2	W5-W8	VI5	B	0,2 m	4	725117424_6_rev	B706985B	K738145	2 row, back filled, 12 cm embedded
DB 80AS-E 6m K120S H85 BF 2R	H2	W6-W8	VI5	B	0,2 m	4	48958Rev2	B706732	K706733	2 row, back filled, 5 cm embedded

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DB 80F										
DB 80F 6m K180 FF	H2	W3	VI3	B	0,4 m	4	48509_rev1	B632987	K632987	Fixed front side
DB 80F 6m K180SW	H2	W3	VI3	B	0,4 m	4	37633-1_rev2	B706545	K706545	Fixed front side
DB 80F 6m K180SW	H2	W3	VI5	B	0,3 m	4	91088	B706545	K706545	Fixed back side
DB 80F 6m K180SW	H2	W3	VI5	B	0,4 m	4	37633-1_rev2	B706545	K706545	ram pins on traffic side or back side
DB 80F 6m K180SW AD	H2	W3	VI5	B	0,3 m	4	62636_rev2	B706545	K706891	ram pins on traffic side or back side, drilled on asphalt
DB 80F 6m K180SW AR	H2	W3	VI5	B	0,4 m	4	62636_rev2	B706545	K706995	ram pins on traffic side or back side, on asphalt
DB 80F 6m K180SW	H2	W3	VI5	B	0,2 m	4	89497	B706545	K731062	anchored on bridge plinth
DB 80F 6m T150S P+ ZDC	H2/L2	W2	VI3	B	0,2 m	4	93126 Rev1 725225742_3	B733072	K733072	ram pins on traffic side or back side, on gravel
DB 80F 6m T150S ZDC	H2/L2	W3	VI5	B	0,4 m	4	725118678_1	B733072		ram pins on traffic side or back side, on gravel
DB 80F 6m T150S	H2/L2	W3	VI5	B	0,4 m	4	725118679_1 Rev. 3	B733132	K738198K7	ram pins on traffic side or back side, on gravel
DB 80F 6m T150S AR	H2/L2	W3	VI5	B	0,4 m	4	62636_rev2	B733132	K738152	ram pins on traffic side or back side, on asphalt
DB 80F 6m T150S H84	H2/L2	W3	VI5	B	0,4 m	4	725118679_3 Rev.2	B731085	K738220	4 cm embedded, Fixed front side, on gravel
DB 80F 6m T150S H84 BF	H2/L2	W3	VI5	B	0,4 m	4	725118679_4 Rev.2	B731085	K738223	1 row, back filled, 4 cm embedded, Fixed front side, on gravel
DB 80F 6m T150S P+	H2/L2	W2	VI3	B	0,2 m	4	725117424_5 Rev	B733132	K738197K7	ram pins on traffic side or back side, on gravel
DB 80F 6m T150S P+ AD	H2/L2	W2	VI3	B	0,2 m	4	62636_rev2 725225742_3	B733132	K738153	ram pins on traffic side or back side, drilled on asphalt
DB 80F 6m T150S P+ AR	H2/L2	W2	VI3	B	0,2 m	4	62636_rev2 725225742_3	B733132	K738151	4 cm embedded, Fixed back side, on gravel
DB 80F 6m T150S H84 P+	H2/L2	W2	VI3	B	0,2 m	4	725118679_3 Rev.2 725225742_3	B731085	K738219	1 row, back filled, 4 cm embedded, fixed back side, on gravel
DB 80F 6m T150S H84 P+ BF	H2/L2	W2	VI3	B	0,2 m	4	725118679_4 Rev.2 725225742_3	B731085	K738222	1 row, back filled, 4 cm embedded, fixed back side, on gravel
DB 80F 6m K180 TA	T1	W1	-	A	0,0m	4	725180984_6	B632987	K745366	double sided
DB 80F 6m K180 TA	T3	W2	VI1	A	0,1m	4	725180984_6	B706545	K745365	double sided
DB 80F 6m K180SW TA	T1	W1	-	A	0,0m	4	725180984_6	B706545	K745365	double sided

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DB 80F 6m K180SW TA	T3	W2	VI1	A	0,1m	4	725180984_6	B706545	K745365	double sided
DB 80P										
DB 80P 6m T150S ZDC	H2	W2	VI4	B	0,3 m	4	725149643_2	B733149	K733239	double sided, one sided pinned, on asphalt
DB 80P 6m T150S M+	H2	W2	VI4	B	0,3 m	4	725164219_1_r2	B733132	K733239	double sided, one sided pinned, on asphalt
DB 80AS-F										
DB 80AS-F K120S	H2	W3	VI4	B	0,4 m	4	57584 rev1 24095	B683038	K683038	achored on concrete, divers types of adhesive possible
DB 90 Step										
DB 90 Step K220	H2	W6	VI6	C	1,3 m	4	62621	B632862	K632862	free-standing
DB 100S										
DB 100S 3m K280	H3	W6	VI9	B	1,5 m	4	27227	B706024	K706024	free-standing
DB 100S 6m K220	N2	W3	-	B	0,3 m	4	62623 rev.1	B9972	K9972	free-standing
DB 100S 6m K220	H2/L2	W5	VI5	A/B	1,0 m	4	62623 rev.1	B9972	K9972	free-standing
DB 100S 6m K220	H3/L3	W7	VI9	A/B	1,7 m	4	62623 rev.1	B696066	K696066	free-standing
DB 100S 6m K220 2R	H4b	W7	VI9	B	1,2 m	4	16544_Rev1	B9972	K714977	free-standing, double rows
DB 100S 6m K220	H1	W5	VI7	B	0,71 m	4	16544_Rev1	B9972	K9972	free-standing
DB 100S 6m T250E ZDC	H3	W6	VI7	B	1,4 m	4	79804_1Rev1	B733069	K733069	free-standing
DB 100S 6m T250E M+	H3	W6	VI7	B	1,4 m	4	79804_2 Rev 1	B733116	K733116	free-standing
DB 100										
DB 100 2m K280	H4b	W8	VI9	B	2,2 m	4	16310	B696758	K696758	free-standing
DB 100 6m K280	H2	W5	VI5	B	1,0 m	4	725155101	B9181	K9181	free-standing
DB 100 6m K280	H4a	W7	VI9	B	1,4 m	4	48474_rev3	B654398	K654398	free-standing
DB 100 6m K280	H4b	W6	VI9	B	1,1 m	4	725188200_6 rev	B9181	K9181	free-standing
DB 100 6m K280	H4a	W7	VI9	B	1,4 m	4	725188200_6 rev	B9181	K9181	free-standing
DB 110										
DB 110 6m K280	H4b	W6	VI9	B	1,1 m	4	report 02-092-14/	B706239	K706239	free-standing
DB 120S										
DB 120S 4m K220	H2	W5	VI4	B	1,1 m	4	62624	B653767	K653767	free-standing
DB 120S 6m K280E STM	H4b	W5	VI6	B	0,9 m	4	29314_rev 2	B713708-I	K713708	free-standing
DB 120S 6m K280E STM	H4b	W5	VI6	B	0,9 m	4	29314_rev 2	B733044	K733046	free-standing

Product	Containment level	Normalized Working width	Normalized vehicle intrusion	Impact severity	Normalized dynamic deflection	Resistance class to snow removal	Assessment report/ Modification report	Production drawing	Installation drawing	Remarks
DB 120S 6m K280E	H4b	W5	VI6	B	0,9 m	4	725114855_2 725029974	B733046	K733046	free-standing
DB 120S 6m T280E	H4b	W5	VI6	B	0,9 m	4	725149643_3 725029974	B714986	K714986	free-standing
DB 120S 6m T280E ZDC	H4b	W5	VI6	B	0,9 m	4	725173254_3 Rev1 725029974	B764102	K714986	free-standing
DB 120S-F										
DB 120S-F 6m K280E	H2	W2	VI2	B	0,2 m	4	725131511_3 725167633_5 725225742_3	B706859	K706859	ram pins on traffic side or back side
DB 120S-F 6m T280E	H2	W2	VI2	B	0,2 m	4	725149643_4 Rev1 725225742_3	B714987	K714987	ram pins on traffic side or back side
DB 120S-F 6m K280E	H4b	W3	VI8	B	0,3 m	4	61485_rev02 725225742_3	B706859	K706859	ram pins on traffic side or back side
DB 120S-F 6m T280E ZDC	H4b	W3	VI8	B	0,3 m	4	725173254_2 725225742_3	B733097	K714987	ram pins on traffic side or back side on gravel
DB 120S-F 6m K280E AR	H4b	W3	VI8	B	0,3 m	4	725117424_1 725225742_3	B706859	K706996	ram pins on traffic side or back side on asphalt
DB 120S-F 6m K280E AD	H4b	W3	VI8	B	0,3 m	4	725117424_1 725225742_3	B706859	K706894	ram pins on traffic side or back side, drilled on asphalt
DB 120S-F 6m T280E	H4b	W3	VI8	B	0,3 m	4	725149643_4_Re v1 725225742_3	B714987	K714987	ram pins on traffic side or back side
DB 120S-P										
DB 120S-P 6m T280E ZDC	H4b	W3	VI8	B	0,5 m	4	725131511_2_Re v1 725149643_1	B733097	K733343	double sided, anchored on traffic side or back side
DB 120S-P 6m T280E	H4b	W3	VI8	B	0,5 m	4	725149643_1 725167633_1	B714987	K733343	double sided, anchored on traffic side or back side
DB 80AS-R										
DB 80AS-R 6m K180	H2	W4	VI5	B	0,6 m	4	62625 rev1	B689940	K689940	secured in position on bridge plinth or asphalt
DB 80AS-R 6m K180	H2	W4	VI5	B	0,6 m	4	62625 rev1	B689940		without secured position

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DB 80AS-A										
DB 80AS-A 6m K120S	H2	W1	VI2	B	0,1 m	4	48715_rev1 24093	B696762	K696762	anchored on bridge plinth opt. Hilti HIT-HY 200-A
DB 80AS-A 6m K120S PM	H2	W1	VI2	B	0,1 m	4	3763324093	B696762	K702915	anchored on bridge plinth with protection grid
DB 80A										
DB 80A 6m T150S ZDC	H2	W2	VI1	B	0,2 m	4	88452 rev1 725101669_1	B733149	K731215	double sided, anchored on traffic side or back side
DB 80A 6m T150S M+	H2	W2	VI1	B	0,3 m	4	725164219_1 r2	B714884	K733149	double sided, anchored on traffic side or back side
DB 100AS-R										
DB 100AS-R 6m K280	H4b	W5	VI9	B	1,0 m	4	62633	B10305	K10305	anchored on bridge plinth
DB 100R										
DB 100R 6m K280	H4b	W5	VI9	B	1,0 m	4	725109615_1	B696842	K707330 K707635	secured in position on bridge plinth or asphalt
DB 120S-A										
DB 120S-A 6m T280E ZDC	H4b	W2	VI5	B	0,1 m	4	88451 rev1 93862	B733097	K733097	double sided, anchored on traffic side or back side
DB 80 LSW-R										
DB 100 LSW-M 6m	H4b	W5	VI5	B	0,6 m	4	48473	B632927 B654058		free-standing, variable height
DB 100 LSW-M										
DB 100 LSW-M 6m	H4b	W5	VI5	B	0,6 m	4	48473	B632927 B654058		free-standing, variable height



Certificate of constancy
of performance
0531-CPR-1317-1923



Landesgesellschaft
Österreich

Product	Containment level	Normalized Working width	Normalized vehicle intrusion	Impact severity	Normalized dynamic deflection	Resistance class to snow removal	Assessment report/ Modification report	Production drawing	Installation drawing	Remarks
DB 100 NBF										
DB 100 NBF 5m T180	H2	W4	VI1	B	0,3 m	4	725109603 rev1 725212624_13	B714756	K714755	free-standing, variable height (up to 4,5 m)
DB 150 NBF										
DB 150 NBF 5m T280	H2	W5	VI1	B	0,3 m	4	725155102 725212624_14 725225742_2	B714757	K732055	free-standing, variable height (bis 6,0m)
DB 150 NBF 5m T280	H4b	W5	VI3	B	0,4 m	4	725109603_2 725212624_14	B714757	K732055	free-standing, variable height (up to 6,0m)
SafeGate										
SafeGate DB 100 6m K280	H4b	W6	VI9	B	1,1 m	4	40862	B705323	K705322	
SafeGate DB 120S 6m K280E	H4b	W5	VI6	B	2,0 m	4	44151	B706558T	K706557T	

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General Modifications		Product		Modification Report No.						
Material designation according to EN 10025-2	DB 65S, SB 50, SB 70, DB 80, DB 100, DB 120	725193831_4 RSt 37-2 according to DIN 17100 is replaced by S235JR according to EN10025-2 ST 52-3N according to DIN 17100 is replaced by S355JR according to EN 20025-2								
Indication concrete cover according to EN 13369:2018	DB 65S, SB 50, SB 70, DB 80, DB 100, DB 120	725193831_5 All precast concrete elements will be fabricated with a concrete cover of $c_{min} = 40\text{mm}$ and $c_{nom} = 50\text{mm}$								
Couplers: Adaption of material characteristics	DB 65S, SB 50, SB 70, DB 80, DB 100, DB 120	725193831_6 All Y-profiles and T-profiles should be made of S355J2. The K-piece of the K-coupling is to be made from S235J2								
Type DB 120S - steps	DB 120S, DB 120S-P, DB 120S-F, DB 120S-A	725173254_7 The concrete elements can optionally be made with steps with a size of 20x15x10cm to enable the elements to be climbed over.								
Adaption K-tension bar K280E	DB 120S, DB 120S-F, DB 120S-A	725221830_4 The two bars in the middle of the tension bar are moved 70 mm upwards respectively down								
Adaption T-tension bar T280E	DB 120S, DB 120S-P, DB 120S-F, DB 120S-A	725193831_8 The two bars in the middle of the tension bar are moved 70 mm upwards respectively down.								
Adaption T-tension bar T250E	DB 100S	725230074_3 The two bars in the middle of the tension bar are moved 70 mm upwards respectively down.								
DB Pin with welded Pin head	DB 80P, DB 120S-P, DB 65S-P, DB 70P, SafeLinks	725199337_3 Forged asphalt pins can be replaced with welded asphalt pins.								
Trapezoid washer 10mm	DB 120S-P, DB 80P	725199337_11 Objective of the modification is change of thickness of the trapezoid washer from $t = 15\text{ mm}$ to $t = 10\text{ mm}$. Those washers support the head of the steel pins which are used for anchoring.								
Single bar reinforcement	DB 80, DB 120, DB NBF, SB 70	725232590_20 The prefabricated steel cages are replaced by single bar reinforcement (steel bars and stirrups)								

Footnote:

* changes according to installed total width