

# REBLOC® Systems

The future of road safety starts here.

## Overview

REBLOC Systems		Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE		
Standard elements	Temporary Systems	50	_12	T3	W2	A	-	sym   F	1200 / 24 / 50	1600 kg	180 m	24 cm	-
			_4	T3	W2	A	-	sym   F	403 / 24 / 50	540 kg	68,5 m	24 cm	-
		50H	_12	T3	W1	A	-	sym   F	1200 / 24 / 50	1600 kg	180 m	24 cm	-
				H1	W8	B	-	sym   F	1200 / 24 / 50	1600 kg	156 m	24 cm	✓
			_EG12	T3	W4	A	-	sym   F	1230 / 26 / 55	2100 kg	180,6 m	26 cm	-
		60	_4	-	-	-	-	sym   F	417 / 26 / 60	770 kg	-	26 cm	-
			_6	T3	W2	A	-	sym   F	600 / 26 / 60	1090 kg	120 m	26 cm	-
			_12	T3	W2	A	-	sym   F	1200 / 26 / 60	2180 kg	120 m	26 cm	-
		60H	_12	N2	W4	B	-	sym   F	1200 / 26 / 60	2180 kg	120 m	26 cm	✓
		80SA	_4	T3	W2	B	-	sym   F	403 / 30 / 80	1010 kg	68,5 m	30 cm	-
				N2	W4	B	-	sym   F	403 / 30 / 80	1010 kg	92,7 m	30 cm	✓
		80SAQ	_12	N2	W1	B	-	sym   A	1200 / 30 / 80	3000 kg	120 m	30 cm	✓
				T3	W2	B	-	sym   F	1200 / 30 / 80	3000 kg	120 m	30 cm	-
				N2	W3	B	-	sym   F	1200 / 30 / 80	3000 kg	108 m	30 cm	✓
				H1	W4	B	-	sym   F	1200 / 30 / 80	3000 kg	120 m	30 cm	✓
		80XAS	_8	T3	W2	A	-	sym   F   RS	800 / 59 / 80	4800 kg	80 m	59 cm	-
		85BFS	_8	T3	W2	A	-	sym   F   RS	800 / 57 / 85	4600 kg	80 m	57 cm	-
		85BF	_8	T3	W1	A	-	asym   F   RS	800 / 44 / 85	4000 kg	80 m	44 cm	-
		REFERENCE 50H_12+104.01		T3	W2	A	-	sym   F	1200 / 24 / 154	1600 kg	180 m (Betonelemente) 60 m (Zaun)	24 cm	-
		REFERENCE 50H_12+124.01		T3	W3	A	-	sym   F	1200 / 24 / 174	1600 kg	180 m (Betonelemente) 60 m (Zaun)	24 cm	-
REFERENCE 80H_8+124.02		H1	W5	B	VI4	asym   F	800 / 56 / 205	4000 kg	80 m (Betonelemente) 63 m (Zaun)	56 cm	✓		

REBLOC Systems		Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE	
Standard elements	80L	_4	N2	W4	B	-	sym   F	400 / 56 / 80	1500 kg	68 m	56 cm	✓
		_8	H1	W5	B	VI4	sym   F	800 / 56 / 80	4000 kg	80 m	56 cm	✓
	80	_2	-	-	-	-	sym   F	200 / 56 / 80	1010 kg	-	56 cm	-
		_4	-	-	-	-	sym   F	400 / 56 / 80	2040 kg	-	56 cm	-
		_8	N2	W3	B	-	sym   F	800 / 56 / 80	4000 kg	112 m	56 cm	✓
		_8	H1	W4	B	VI4	sym   F	800 / 56 / 80	4000 kg	112 m	56 cm	✓
	80H	_1	-	-	-	-	sym   F	100 / 56 / 80	500 kg	-	56 cm	-
		_2	-	-	-	-	sym   F	200 / 56 / 80	1010 kg	-	56 cm	-
		_4	-	-	-	-	sym   F	400 / 56 / 80	2040 kg	-	56 cm	-
		_8	N2	W3	B	-	sym   F	800 / 56 / 80	4000 kg	80 m	56 cm	✓
			H1	W4	B	VI4	sym   F	800 / 56 / 80	4000 kg	80 m	56 cm	✓
			H2	W5	B	VI4	sym   F	800 / 56 / 80	4000 kg	80 m	56 cm	✓
	_8LCS	N2	W3	B	-	sym   F	800 / 56-70 / 80	5500 kg	72 m	70 cm	✓	
	80X	_8	H2	W4	B	VI3	sym   F	800 / 59 / 80	4000 kg	80 m	59 cm	✓
	80XA	_8_3P	H2	W2	B	VI3	asym   A	800 / 59 / 80	4800 kg	56 m	59 cm	✓
		_8_6P	H2	W2	B	VI3	sym   A	800 / 59 / 80	4800 kg	56 m	59 cm	✓
	80AS	_8	H2	W3	B	VI3	sym   AS	800 / 56 / 80	4000 kg	64 m	56 cm	✓
	80XAS	_8_10P	H2	W2	B	VI2	sym   AS   RS	800 / 59 / 80	4800 kg	64 m	59 cm	✓
		_8_4P	H2	W3	B	VI3	sym   AS   RS	800 / 59 / 80	4800 kg	64 m	59 cm	✓
		_8	H2	W4	B	VI3	sym   F	800 / 59 / 80	4800 kg	80 m	59 cm	✓
80XW	_8	H2	W1	B	VI1	asym   FW	800 / 36 / 80	3400 kg	32 m	36 cm	✓	
84XEAL	_8	N2	W3	B	-	sym   F	800 / 59 / 84	4800 kg	80 m	59 cm	✓	
		H2	W1	B	VI2	sym   EA	800 / 59 / 84	4800 kg	40 m	59 cm	✓	
84XEA.3	_8	N2	W3	B	-	sym   F	800 / 59 / 84	4800 kg	80 m	59 cm	✓	
		H2	W1	B	VI3	sym   EA	800 / 59 / 84	4800 kg	32 m	59 cm	✓	
85BF	_8	H2	W5	B	VI1	sym   BF   RS	800 / 44 / 85	4000 kg	56 m	≥ 160 cm	✓	
92XES	_8	H2	W2	B	VI2	sym   ES	800 / 60 / 92	4800 kg	56 m	60 cm	✓	

REBLOC Systems		Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE		
Standard elements	Permanent Systems	100H	_2	H3	W6	B	VI9	sym   F	200 / 64 / 100	1500 kg	76 m	64 cm	✓
			_3	H3	W6	B	VI9	sym   F	300 / 64 / 100	2300 kg	78 m	64 cm	✓
			_4	H3	W6	B	VI9	sym   F	400 / 64 / 100	3000 kg	76 m	64 cm	✓
		100	_2	H2	W5	B	VI5	sym   F	200 / 64 / 100	1500 kg	64 m	64 cm	✓
			_3	H2	W5	B	VI5	sym   F	300 / 64 / 100	2300 kg	64 m	64 cm	✓
			_4	H2	W5	B	VI5	sym   F	400 / 64 / 100	3000 kg	64 m	64 cm	✓
	_8		H2	W5	B	VI5	sym   F	800 / 64 / 100	6000 kg	104 m	64 cm	✓	
		H3	W5	B	VI8	sym   F	800 / 64 / 100	6000 kg	104 m	64 cm	✓		
	_8	H4b	W6	B	VI9	sym   F	800 / 64 / 100	6000 kg	104 m	64 cm	✓		
		100L	_8	H3	W5	B	VI8	sym   F	800 / 64 / 100	6000 kg	80 m	64 cm	✓
	100SF	_8	H2	W3	B	VI1	asym   F	800 / 56 / 100	6000 kg	96 m	56 cm	✓	
			H4b	W5	B	VI8	asym   F	800 / 56 / 100	6000 kg	96 m	56 cm	✓	
	100SFS	_8	H2	W4	B	VI1	sym   F	800 / 68 / 100	6750 kg	96 m	68 cm	✓	
			H4b	W5	B	VI8	sym   F	800 / 68 / 100	6750 kg	96 m	68 cm	✓	
	110L	_8	H2	W5	B	VI4	sym   F	800 / 64 / 110	6000 kg	80 m	64 cm	✓	
	110	_8	H4b	W6	B	VI8	sym   F	800 / 64 / 110	6000 kg	104 m	64 cm	✓	
	120	_7.5	H4b	W5	B	VI8	sym   F	800 / 67 / 120	6000 kg	82,5 m	67 cm	✓	
	120LQ	_8	H2	W5	B	VI4	sym   F	800 / 64 / 120	6260 kg	80 m	64 cm	✓	
	120Q	_8	H4b	W6	B	VI8	sym   F	800 / 64 / 120	6260 kg	104 m	64 cm	✓	
	120AS	_7.5	H2	W2	B	VI2	sym   AS	750 / 67 / 120	6000 kg	67,5 m	67 cm	✓	
H4b			W2	B	VI7	sym   AS	750 / 67 / 120	6000 kg	82,5 m	67 cm	✓		
140SFS	_5.5	N2	W2	B	VI1	sym   F	550 / 72 / 140	6000 kg	88 m	72 cm	✓		
		H4a	W4	B	VI6	sym   F	550 / 72 / 140	6000 kg	88 m	72 cm	✓		
Bridge Systems	80A	_8	H2	W1	B	VI2	asym   A	800 / 43 / 80	3700 kg	56 m	43 cm	✓	
	80XA	_8_3A	H2	W2	B	VI2	asym   A	800 / 59 / 80	4800 kg	56 m	59 cm	✓	
		_8_6A	H2	W2	B	VI2	sym   A	800 / 59 / 80	4800 kg	56 m	59 cm	✓	
	100A	_8	H2	W1	B	VI2	asym   A	800 / 51 / 100	5600 kg	56 m	51 cm	✓	
	120A	_7.5	H4b	W2	B	VI6	sym   A	750 / 67 / 120	6000 kg	75 m	67 cm	✓	

		REBLOC Systems	Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE		
Standard elements	Bridge Systems	100SFP	_8	H2	W3	B	VI1	asym   FP	800 / 56 / 100	6000 kg	96 m	56 cm	✓	
		100SFA	_8	H4b	W4	B	VI8	asym   FP	800 / 56 / 100	6000 kg	96 m	56 cm	✓	
	Noise Barrier	NB100/300	_8	H2	W4	B	VI1	asym   F	800 / 95 / 300	13500 kg	64 m	95 cm	✓	
		NBL100X/400	_5	H2	W4	B	VI2	sym   F	500 x 105 / 400	10250 kg	65 m	105 cm	✓	
		NB100XH/300	_8	H3	W5	B	VI4	sym   F	800 / 95 / 300	19650 kg	64 m	95 cm	✓	
Transitions	Steel guardrail	F40 EDSP 2.0 <> 84XEAL_8		H1	W4	B	VI5	sym   AS	350 / 41-59 / 80 800 / 59 / 80	2220 kg 5120 kg	23 m	59 cm	-	
		F41 EcoSafe 2.0 <> 84XEAL_8		H1	W4	B	VI6	sym   AS	350 / 41-59 / 80 800 / 59 / 80	2220 kg 5120 kg	23 m	59 cm	-	
		F30 MegaRail s <> 84XEAL_8		H2	W3	B	VI3	sym   AS	350 / 15-59 / 80 800 / 59 / 80	2.220 kg 5120 kg	23 m	59 cm	-	
		F31 Super-Rail Eco <> 84XEAL_8		H2	W3	B	VI3	sym   AS	350 / 15-59 / 80 800 / 59 / 80	2220 kg 5120 kg	23 m	59 cm	-	
		F50 MegaRail sk <> 120AS_7.5		H4b	W4	B	VI9	asym   AS	460 / 67 / 120 750 / 67 / 120	3090 kg 6080 kg	16,5 m	67 cm	-	
		80H_8 <> Kremsbarrier 2 RH2C		H2	W5	A	VI5	sym   F	375 / 59 / 80 800 / 56-59 / 80	2280 kg 4400 kg	25,37 m	59 cm	-	
		100_8 <> Kremsbarrier 2 RH3		H4b	W6	B	VI8	asym   F	400 / 64-67 / 100-120 295 / 67 / 120	3450 kg 2910 kg	24,33 m	67 cm	-	
	In-situ concrete	Vario Transition 80H_8 <> TSS Jerseybaer H2		H2	W2	B	VI2	sym   F	800 / 56-60 / 80-90	5030 kg	10 m	60 cm	-	
	Transition elements	REBLOC Systems	50H_60H	_1.27	-	-	-	-	sym   F	127 / 24-26 / 50-60	220 kg	-	26 cm	-
			60H_80S	_2.47	-	-	-	-	sym   F	247 / 26-30 / 60-80	600 kg	-	30 cm	-
60H_80H			_3	-	-	-	-	sym   F	300 / 26-56 / 60-80	1210 kg	-	56 cm	-	
80S_80H			_3	-	-	-	-	sym   F	300 / 30-56 / 80	1470 kg	-	56 cm	-	
80S_140SFS			_5.5	-	-	-	-	sym   F	550 / 31-72 / 80-140	4260 kg	-	72 cm	-	
80H_100			_4	-	-	-	-	sym   F	400 / 56-64 / 80-100	2520 kg	-	64 cm	-	
80XAS_100SF			_8	-	-	-	-	sym   F	800 / 59-64 / 80-100	5320 kg	-	64 cm	-	
100_120			_4	-	-	-	-	sym   F	400 / 64-67 / 100-120	3450 kg	-	67 cm	-	
Noise Barrier		100_RNB100/300_3		-	-	-	-	sym   F	309 / 64-95 / 100	3520 kg	-	95 cm	-	
		100_RNB100H/300_3		-	-	-	-	sym   F	309 / 64-95 / 100	3520 kg	-	95 cm	-	



		REBLOC Systems	Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE	
Transition elements	Stell guardrail	60	_2.65EDSP	-	-	-	-	sym   F	265 / 26 / 60-75	850 kg	-	26 cm	-
		80	_4S	-	-	-	-	sym   F	400 / 30-56 / 80	2100 kg	-	56 cm	-
		80H	_4S	-	-	-	-	sym   F	400 / 30-56 / 80	2150 kg	-	56 cm	-
		84XEA_SSB	_4	-	-	-	-	sym   F	400 / 59-55 / 84-94	2950 kg	-	94 cm	-
		100	_4S	-	-	-	-	sym   F	400 / 34-64 / 100	3050 kg	-	64 cm	-
Terminal elements	Temporary Systems	50	_2T	-	-	-	-	sym   F	200 / 24 / 15-50	340 kg	-	24 cm	-
		50H	_2T	-	-	-	-	sym   A	200 / 24 / 15-50	350 kg	-	24 cm	-
		60	_3T	-	-	-	-	sym   A	300 / 26 / 11-60	640 kg	-	26 cm	-
		80S	_4T	-	-	-	-	sym   A	400 / 30 / 21- 80	1420 kg	-	30 cm	-
	Permanent Systems	80H	_4T	-	-	-	-	sym   A	400 / 56 / 20-80	1750 kg	-	56 cm	-
			_7T	-	-	-	-	sym   A	700 / 56 / 23-80	2960 kg	-	56 cm	-
		80X	_4T	-	-	-	-	sym   F / AS	400 / 59 / 20-84	1990 kg	-	59 cm	-
		84XEA	_4T	-	-	-	-	sym   EA	400 / 59 / 24-84	2200 kg	-	59 cm	-
		85BF	_4T	-	-	-	-	asym   A	400 / 44 / 25-85	1800 kg	-	44 cm	-
		85BFS	_4T	-	-	-	-	sym   A	400 / 57 / 25-85	2050 kg	-	57 cm	-
		92XES	_4T	-	-	-	-	sym   F	400 / 60 / 92	2700 kg	-	60 cm	-
		100	_4T	-	-	-	-	sym   A	400 / 64 / 24-100	2400 kg	-	64 cm	-
		100SF	_4T	-	-	-	-	asym   A	400 / 56 / 24-100	2300 kg	-	56 cm	-
		100SFS	_4T	-	-	-	-	sym   A	400 / 68 / 24-100	2470 kg	-	68 cm	-
		110L	_4.5T	-	-	-	-	sym   A	450 / 64 / 24-110	2730 kg	-	64 cm	-
		120Q	_5T	-	-	-	-	sym   A	500 / 64 / 24-120	3300 kg	-	64 cm	-
		120	_5T	-	-	-	-	sym   A	500 / 67 / 24-120	3440 kg	-	67 cm	-
		140SFS	_6T	-	-	-	-	sym   A	600 / 72 / 22-140	5100 kg	-	72 cm	-
140SFS	_5.5TS	-	-	-	-	sym   A	550 / 72 / 140	6450 kg	-	72 cm	-		

REBLOC Systems		Containment level	Working width	ASI	VI	Installation	Dimensions concrete element l / w / h [cm]	Weight/element [ca.]	Min. installation length	System width	CE	
Bifurcation elements	80	_4B	-	-	-	sym   F	400 / 56-96 / 80	3460 kg	-	96 cm	-	
		_4A	-	-	-	asym   F	400 / 43 / 80	1780 kg	-	43 cm	-	
	80H	_4B	-	-	-	sym   F	400 / 56-96 / 80	3460 kg	-	96 cm	-	
		_4A	-	-	-	asym   F	400 / 43 / 80	1780 kg	-	43 cm	-	
	84XEAL	_4B	-	-	-	sym   F	400 / 59-99 / 84	4200 kg	-	99 cm	-	
		_8A	-	-	-	asym   F	800 / 46 / 84	4560 kg	-	46 cm	-	
	100	_4B	-	-	-	sym   F	400 / 64-104 / 100	4900 kg	-	104 cm	-	
		_4A	-	-	-	asym   F	400 / 51 / 100	2850 kg	-	51 cm	-	
Dilatation elements	80A	_2EXC	H2	W1	B	-	asym   A	410 / 43 / 80	2000 kg	-	43 cm	-
	100A	_2EXC	H2	W1	B	-	asym   A	410 / 51 / 100	3000 kg	-	51 cm	-
	100SF*	_EXM	H4b	W4	B	-	asym   A	485-605 / 56 / 100	4000-5000 kg	-	56 cm	-
	100SF*	_EXC	-	-	-	-	asym   F	485-530 / 56 / 100	4000-5000 kg	-	56 cm	-
	100SFS*	_EXM	H4b	W5	B	-	sym   A	485-605 / 68 / 100	4300-5375 kg	-	68 cm	-
Light column elements	80	_8LC	-	-	-	-	sym   F	800 / 56 / 80	5930 kg	-	56 cm	-
	80H	_8LC	-	-	-	-	sym   F	800 / 56 / 80	5930 kg	-	56 cm	-
	84XEAL	_8LC	-	-	-	-	sym   EA	800 / 59 / 84	7270 kg	-	59 cm	-
	100A	_6LC	-	-	-	-	sym   A	600 / 64 / 100	7080 kg	-	64 cm	-

\* different dilatation lengths available

## Explanation

### Performance Classes according to EN1317-1/2

The REBLOC Systems with the indication of containment levels, working width and impact severity levels (ASI) have been subjected to real impact tests in accordance with European Standard EN1317 and have therefore proven to meet all the specifications of a modern vehicle restraint system made of precast concrete elements.

Installation	Description
sym	symmetric: single-sided and double-sided application
asym	asymmetric: single-sided application
F	free standing
FP	free standing with position securing (anchor or pin)
FW	free standing in front of rigid wall
A	anchored
EA	embedded in asphalt
ES	embedded in compacted soil
BF	back filled and embedded
AS	anchored soil
RS	REBLOC SWITCH: tested as a free standing temporary system and a permanent system

