

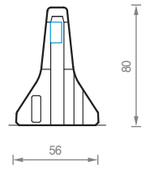
REBLOC®
Concrete Barriers

PERMANENT SYSTEMS

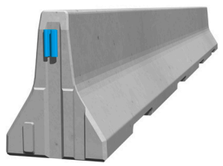
L2/H2 W5 | L1/H1 W4 — REBLOC 80H_8



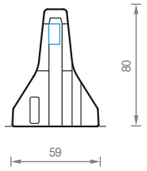
Containment level:	L2/H2	L1/H1
Working width (W_N):	W5 (≤ 1.7 m)	W4 (≤ 1.3 m)
Impact severity level:	ASI B	ASI B
Installation:	free standing on asphalt | concrete	
Minimum installation length:	80 m (10 elements)	
End anchorage:	required; REBLOC 80H_4T | 80H_7T or force closure	
Dimensions LxWxH in cm:	800 x 56 x 80 cm	



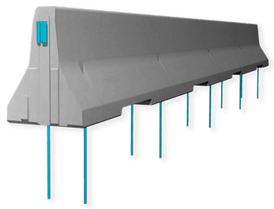
L2/H2 W4 | T3 W2 — REBLOC 80X.1_8



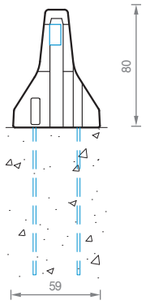
Containment level:	L2/H2	T3
Working width (W_N):	W4 (≤ 1.3 m)	W2 (≤ 0.8 m)
Impact severity level:	ASI B	ASI A
Installation:	free standing on asphalt | concrete	
Minimum installation length:	80m (10 elements) + initial/end anchorage	
End anchorage:	required (according to anchor chart 39-10501): e.g. REBLOC 80X_4T or force closure	not necessary, optional available
Dimensions LxWxH in cm:	800 x 59 x 80 cm	



L2/H2 W2 — REBLOC 80XAS_8_10P



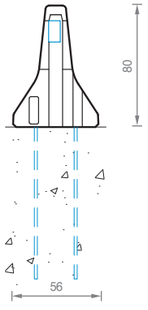
Containment level:	L2/H2
Working width (W_N):	W2 (≤ 0.8 m)
Impact severity level:	ASI B
Installation:	anchored in compacted soil | asphalt | concrete (per element 10 x anchor pins RPIN20_1280)
Minimum installation length:	64 m (8 elements)
End anchorage:	not necessary, optional available
Dimensions LxWxH in cm:	800 x 59 x 80 cm



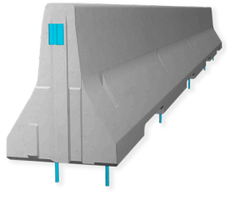
L2/H2 W3 — REBLOC 80AS_8



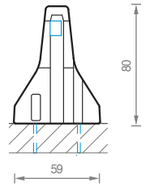
Containment level:	L2/H2
Working width (W_N):	W3 (≤ 1.0 m)
Impact severity level:	ASI B
Installation:	anchored (4 x anchor pins RPIN20_1280 in compacted soil per element)
Minimum installation length:	64 m (8 elements) + initial/end anchorage
End anchorage:	required: e.g. REBLOC 80H_4T | 80H_7T (2 x anchor pins RPIN20_1042 or 1280) or force closure
Dimensions LxWxH in cm:	800 x 56 x 80 cm



L2/H2 W1 | N2 W3 — REBLOC 80XA_8_10A | REBLOC 80XA_8



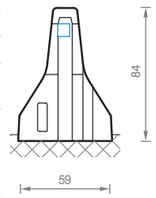
Containment level:	L2/H2	N2
Working width (W_N):	W1 (≤ 0.6 m)	W3 (≤ 1.0 m)
Impact severity level:	ASI B	ASI B
Installation:	anchored in asphalt | concrete (per element 10 x adhesive anchors M20)	free standing on asphalt | concrete
Minimum installation length:	32 m (4 elements)	112 m (14 elements) + initial/end anchorage
End anchorage:	not necessary, optional available	required (according to anchor chart 39-10501): e.g. REBLOC 80X_4T or force closure
Dimensions LxWxH in cm:	800 x 59 x 80 cm	



L2/H2 W1 N2 W3 — REBLOC 84XEA.3_8 | REBLOC 84XEAL_8



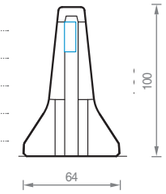
Containment level:	L2/H2	N2
Working width (W_N):	W1 (≤ 0.6 m)	W3 (≤ 1.0 m)
Impact severity level:	ASI B	ASI B
Installation:	4 cm embedded in asphalt | concrete	free standing on asphalt | concrete
Minimum installation length:	84XEA.3: 32 m (4 elements) 84XEAL_8: 40 m (5 elements)	112 m (14 elements) + initial/end anchorage
End anchorage:	H2: not necessary, optional available N2: required; 84XEA_4T.01 or force closure	
Dimensions LxWxH in cm:	800 x 59 x 84 cm	



L3/H3 W5 | L2/H2 W5 — REBLOC 100L_8



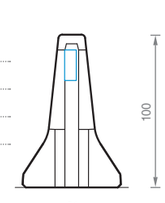
Containment level:	L3/H3	L2/H2
Working width (W_N):	W5 (≤ 1.7m)	W5 (≤ 1.7 m)
Impact severity level:	ASI B	ASI B
Installation:	free standing on asphalt | concrete	
Minimum installation length:	80 m (10 elements) + initial/end anchorage	
End anchorage:	required (according to anchor chart 39-10501): e.g. REBLOC 100_4T or force closure	
Dimensions LxWxH in cm:	800 x 64 x 100 cm	



L4b/H4b W6 | L3/H3 W5 | L2/H2 W5 — REBLOC 100_8



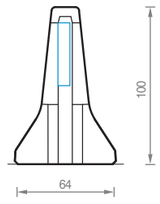
Containment level:	L4b/H4b	L3/H3	L2/H2
Working width (W_N):	W6 (≤ 2.1 m)	W5 (≤ 1.7m)	W5 (≤ 1.7 m)
Impact severity level:	ASI B	ASI B	ASI B
Installation:	free standing on asphalt | concrete		
Minimum installation length:	104 m (13 elements) + initial/end anchorage	80 m (10 elements) + initial/end anchorage	104 m (13 elements) + initial/end anchorage
End anchorage:	required (according to anchor chart 39-10501): e.g. REBLOC 100_4T or force closure		
Dimensions LxWxH in cm:	800 x 64 x 100 cm		



L3/H3 W6 — REBLOC 100H_2|3|4



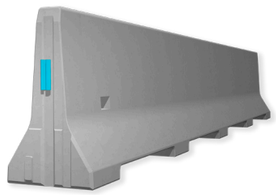
Containment level:	L3/H3
Working width (W_N):	W6 (≤ 2.1 m)
Impact severity level:	ASI B
Installation:	free standing on asphalt | concrete
Minimum installation length:	76 m (38 elements) for 100H_2 78 m (26 elements) for 100H_3 76 m (19 elements) for 100H_4 + initial/end anchorage
End anchorage:	required; REBLOC 100_4T or force closure
Dimensions LxWxH in cm:	200 | 300 | 400 x 64 x 100 cm



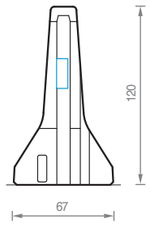




L4b/H4b W5 REBLOC 120_7.5



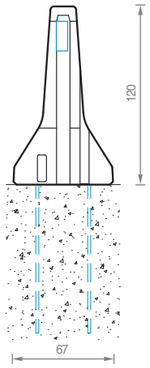
Containment level:	**L4b/H4b**
Working width (W_N):	**W5 (≤ 1.7 m)**
Impact severity level:	**ASI B**
Installation:	**free standing on asphalt | concrete**
Minimum installation length:	**82.5 m (11 elements)**
End anchorage:	**required (according to anchor chart 39-10501): e.g. REBLOC 120_5T or force closure**
Dimensions LxWxH in cm:	**750 x 67 x 120 cm**



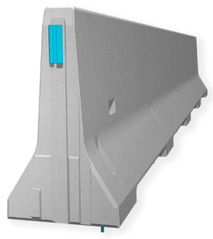
L4b/H4b W2 REBLOC 120AS_7.5



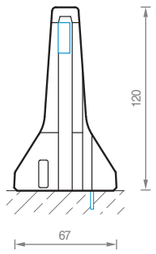
Containment level:	**L4b/H4b**
Working width (W_N):	**W2 (≤ 0.8 m)**
Impact severity level:	**ASI B**
Installation:	**anchored (10 x anchor pins RPIN20_1280 in compacted soil | asphalt | concrete per element)**
Minimum installation length:	**82.5 m (11 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**750 x 67 x 120 cm**



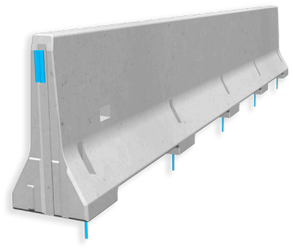
L2/H2 W2 REBLOC 120A_7.5_3A



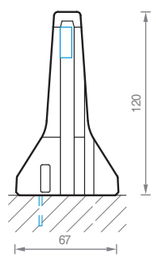
Containment level:	**L2/H2**
Working width (W_N):	**W2 (≤ 0.8 m)**
Impact severity level:	**ASI B**
Installation:	**anchored in concrete (3 x adhesive anchors M20x400 per element on the front or rear side)**
Minimum installation length:	**60 m (8 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**750 x 67 x 120 cm**



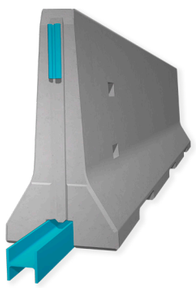
L4b/H4b W2 REBLOC 120A.1_7.5_5A



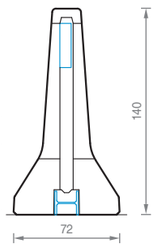
Containment level:	**L4b/H4b**
Working width (W_N):	**W2 (≤ 0.8 m)**
Impact severity level:	**ASI B**
Installation:	**anchored in concrete | asphalt (5 x adhesive anchors M20x465 per element on the front or rear side)**
Minimum installation length:	**75 m (10 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**750 x 67 x 120 cm**



L4a/H4a W4 REBLOC 140SFS_5.5



Containment level:	**L4a/H4a**
Working width (W_N):	**W4 (≤ 1.3 m)**
Impact severity level:	**ASI B**
Installation:	**free standing on asphalt | concrete**
Minimum installation length:	**88 m (16 elements) + initial/end anchorage**
End anchorage:	**required (according to anchor chart 39-10501): e.g. REBLOC 140SFS_6T or force closure**
Dimensions LxWxH in cm:	**550 x 72 x 140 cm**

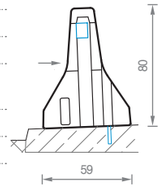


BRIDGE

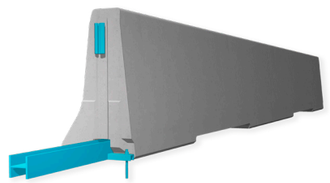
L2/H2 W2 REBLOC 80XA_8_3A



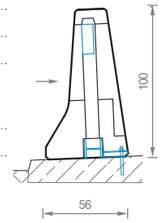
Containment level:	**L2/H2**
Working width (W_N):	**W2 (≤ 0.8 m)**
Impact severity level:	**ASI B**
Installation:	**anchored in concrete (per element 3 x adhesive anchors M16 on the front or rear side)**
Minimum installation length:	**56 m (7 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**800 x 59 x 80 cm**



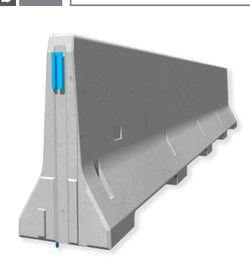
L4b/H4b W4 REBLOC 100SFA_8



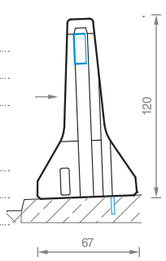
Containment level:	**L4b/H4b**
Working width (W_N):	**W4 (≤ 1.3 m)**
Impact severity level:	**ASI B**
Installation:	**free standing with position securing (anchor) (1 x M16 adhesive anchor in asphalt | concrete per element)**
Minimum installation length:	**96 m (12 elements) + initial/end anchorage**
End anchorage:	**required (according to anchor chart 39-10501): e.g. REBLOC 100SF_4TL | 100SF_4TR or force closure**
Dimensions LxWxH in cm:	**800 x 56 x 100 cm**



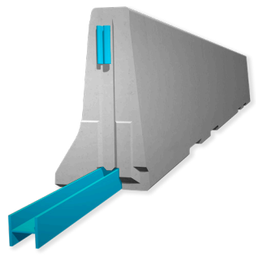
L4b/H4b W2 REBLOC 120A_7.5



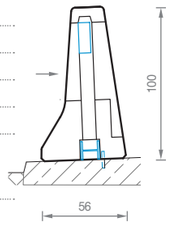
Containment level:	**L4b/H4b**
Working width (W_N):	**W2 (≤ 0.8 m)**
Impact severity level:	**ASI B**
Installation:	**anchored in concrete (5 x adhesive anchors M20x400 per element on the front or rear side)**
Minimum installation length:	**75 m (10 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**750 x 67 x 120 cm**



L2/H2 W3 REBLOC 100SF(P)_8



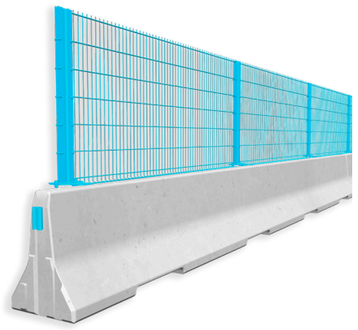
Containment level:	**L2/H2**
Working width (W_N):	**W3 (≤ 1.0 m)**
Impact severity level:	**ASI B**
Installation:	**free standing with position securing (pin)**
Minimum installation length:	**96 m (12 elements) + initial/end anchorage**
End anchorage:	**required (according to anchor chart 39-10501): e.g. REBLOC 100SF_4TL | 100SF_4TR or force closure**
Dimensions LxWxH in cm:	**800 x 56 x 100 cm**



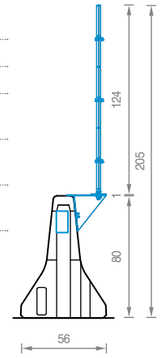


FENCE SYSTEMS

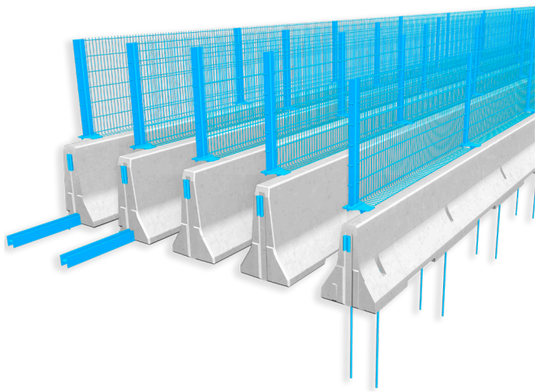
L2/H2 | W5 | L1/H1 | W5 — **REFENCE 80H_8+124** — **total height: 205 cm**



Containment level:	L2/H2	L1/H1
Working width (W_N):	W5 (≤ 1.7 m)	
Impact severity level:	ASI B	
Installation:	free standing on compacted soil | asphalt | concrete	
Minimum installation length:	80 m (10 concrete elements) + end anchorage	
End anchorage:	required; REBLOC 80H_4T or force closure	
Dimensions LxWxH in cm:	800 x 56 x 205 cm (height concrete elements 80 cm + height top fence 124 cm + height bracket plate 1 cm)	



VARIATIONS OF REFENCE 124



The combination of different REBLOC safety barriers with the REFENCE 124 system, allows for excellent placement flexibility in relation to the available space.

L2/H2 | W5	REFENCE 80XAS_8+124	total height: 205 cm
L2/H2 | W5	REFENCE 100_8+124	total height: 225 cm
L2/H2 | W5	REFENCE 100L_8+124	total height: 225 cm
L2/H2 | W4	REFENCE 100SF_8+124	total height: 225 cm
L2/H2 | W4	REFENCE 100SFP_8+124	total height: 225 cm

TRANSITIONS

Due to their modular design and the large number of different tested transitions and transition elements, all REBLOC concrete barriers are compatible with each other. Additionaly to that, the elements can be combined with other systems, such as precast concrete elements, steel guardrails, or in-situ concrete barriers.

The reliable restraint function is ensured by a large variety of transition elements, and transitions tested according to EN 1317-4.

Strong and above all safe transitions to steel and concrete meet the most stringent safety specifications and are tested in accordance with ENV 1317-4 in real life crash-tests.

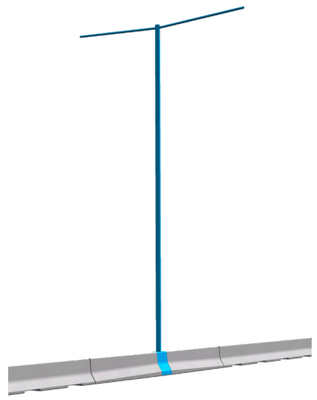
REBLOC offers solutions for the following possible transitions, providing a continuous and reliable restraining function:

- precast concrete element ⇆ precast concrete element
- precast concrete element ⇆ steel guardrail
- precast concrete element ⇆ in-situ concrete

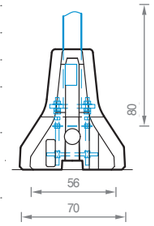


SPECIALS

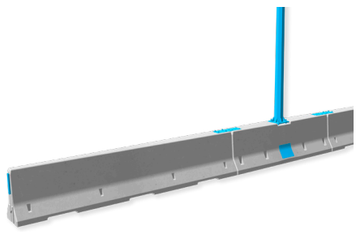
N2 | W3 — **REBLOC 80H_8LCS**



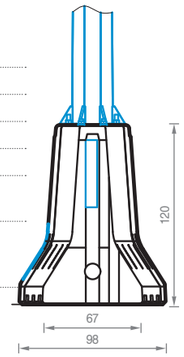
Containment level:	N2
Working width (W_N):	W3 (≤ 1.0 m)
Impact severity level:	ASI B
Installation:	free standing on asphalt | concrete
Minimum installation length:	72 m (9 elements) + initial/end anchorage
End anchorage:	required (according to anchor chart 39-10501): e.g. REBLOC 80H_4T | 80H_7T or force closure
Light column element 80H_8LC.1 Dimensions LxWxH in cm:	800 x 56-70 x 80 cm
Barrier element 80H_8 | 80H_8EI.1 Dimensions LxWxH in cm	800 x 56 x 80 cm



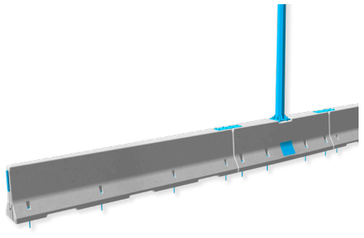
L2/H2 | W4 — **REBLOC 120LCS**



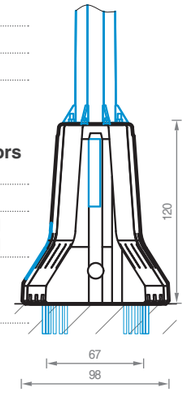
Containment level:	L2/H2
Working width (W_N):	W4 (≤ 1.3 m)
Impact severity level:	ASI B
Installation:	free standing on asphalt | concrete
Total length:	1602 cm
Required elements:	1 x light column element 120A_4LC.1 2 x light column element 120A_6LC.1
Light column element 120A_4LC.1 Dimensions LxWxH in cm:	400 x 92-98 x 120 cm
Light column element 120A_6LC.1 Dimensions LxWxH in cm:	600 x 67-92 x 120 cm



L2/H2 | W3 — **REBLOC 120LCS_A**



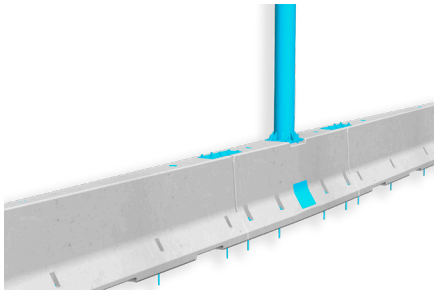
Containment level:	L2/H2
Working width (W_N):	W3 (≤ 1.0 m)
Impact severity level:	ASI B
Installation:	anchored 120A_4LC.1 : 8 x M24 adhesive anchors in asphalt per element 120A_6LC.1: 8 x M20 adhesive anchors in asphalt per element
Total length:	1602 cm
Required elements:	1 x light column element 120A_4LC.1 2 x light column element 120A_6LC.1
Light column element 120A_4LC.1 Dimensions LxWxH in cm:	400 x 92-98 x 120 cm
Light column element 120A_6LC.1 Dimensions LxWxH in cm:	600 x 67-92 x 120 cm



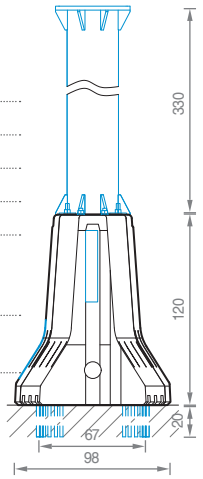


SPECIALS

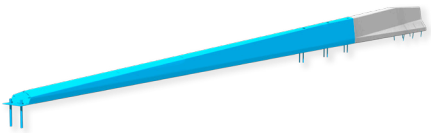
H4b W3 **REBLOC 120GS_A**



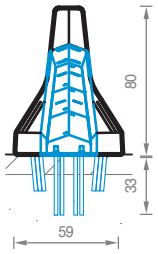
Containment level:	**H4b**
Working width (W_N):	**W3 (≤ 1.0 m)**
Impact severity level:	**ASI B**
Installation:	**anchored in asphalt | concrete**
Total length:	**1602 cm**
Required elements:	**1 x traffic sign element 120A_4LC.1 2 x traffic sign element 120A_6LC.1 1 x base pole RBP324x10_3.325;01**
Traffic sign element 120A_4LC.1 Dimensions LxWxH in cm:	**400 x 92-98 x 120 cm**
Traffic sign element 120A_6LC.1 Dimensions LxWxH in cm:	**600 x 67-92 x 120 cm**



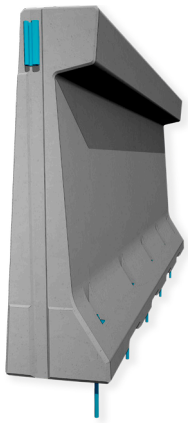
P2 A **REBLOC TE 80XA_18T_P** **P2 A** **REBLOC TE 80XA_18T_P.1**



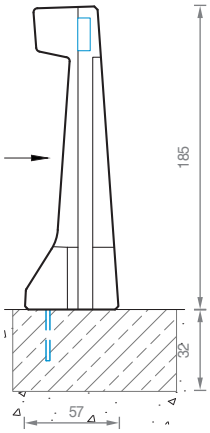
Performance Class:	**P2**	
Location:	**A (upstream and downstream position)**	
Impact severity level:	**ASI A**	
Installation:	**anchored in asphalt | concrete 14 x anchor pins RPIN20_375**	**anchord in compacted gravel 14 x anchor pins RPIN20_1050**
Required elements:	**1 x steel element REBLOC TE80XA_10T 1 x concrete element REBLOC TE80XA_8T**	
Steel element REBLOC TE80XA_10T Dimensions LxWxH in cm:	**999 x 24-31 x 60 cm**	
Concrete element REBLOC TE80XA_8T Dimensions LxWxH in cm:	**800 x 31-59 x 60-80 cm**	



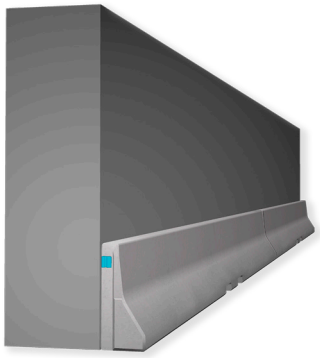
L4a/H4a W1 **L4b/H4b W2** **REBLOC 185A_4_5A**



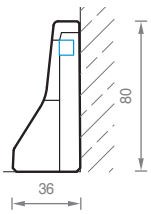
Containment level:	**L4a/H4a**	**L4b/H4b**
Working width (W_N):	**W1 (0.6 m)**	**W2 (0.8 m)**
Impact severity level:	**ASI B**	**ASI B**
Installation:	**anchored (5 x adhesive anchor M24 in concrete foundation)**	
Minimum installation length:	**44 m (11 elements)**	**32 m (8 elements)**
End anchorage:	**not necessary, optional available**	
Dimensions LxWxH in cm:	**400 x 57 x 185 cm**	



L2/H2 W1 **REBLOC 80XW_8**



Containment level:	**L2/H2**
Working width (W_N):	**W1 (0.6 m) in combination with rigid wall**
Impact severity level:	**ASI B**
Installation:	**free standing on rigid wall**
Minimum installation length:	**32 m (4 elements)**
End anchorage:	**not necessary, optional available**
Dimensions LxWxH in cm:	**800 x 36 x 80 cm**



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05-10009-03-10 - 04/2024