

REBLOC 100SFA_8

Standard element

Application
Permanent system

Installation
Free standing with
position securing (anchor)

H4b

W4

tested according to EN1317-1/2

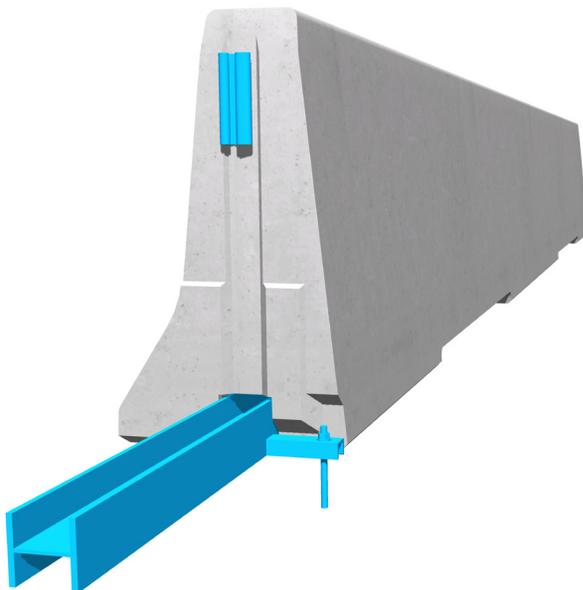


Containment level
Working width
Impact severity level

H4b (covers H3, H2, H1, N1, T3, T2 and T1)
W4 (covers W5, W6, W7 and W8)
ASI B

Product features

- High containment level (H4b) with low system movement
- Usage on bridge constructions
- Reduced collision design forces imparted on the bridge deck due to free standing construction



The REBLOC 100SFA_8 system is ideal for the application on new bridge structures as well as for the refurbishment of existing bridges. The highest containment level H4b offers best possible protection and even restrains the impact of a 38 t lorry driving at 65 km/h (TB81 according to EN1317-2).

The position securing guarantees the alignment of the elements on the bridge structure. The position securing is installed every 8 m and prevents damages to the bridge structure due to the flexibility of the system.

Dilatation elements for bridge expansion joints were part of the tested system according to European Standard EN1317-1/2. These elements take up movements of the bridge caused by temperature fluctuations.

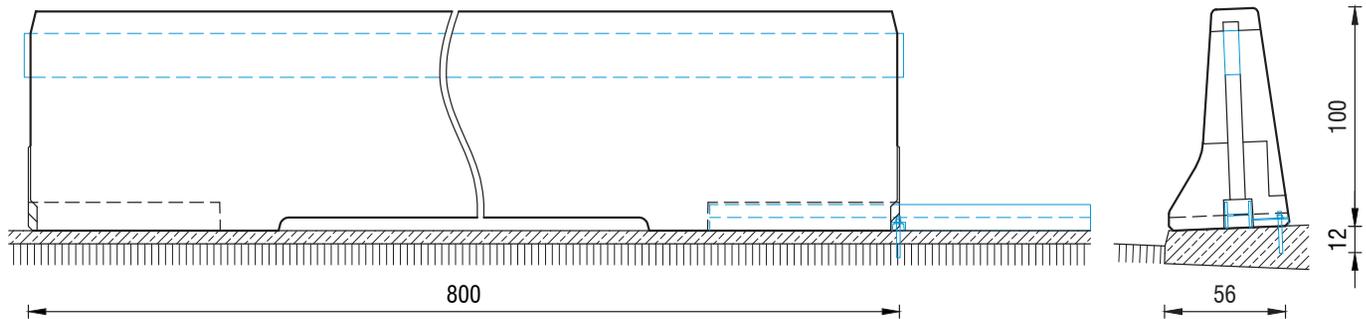
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tested according to EN1317-1/2

Technical data



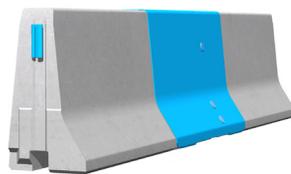
all dimensions in cm

Containment level	H4b
Working width	W4
Impact severity level	ASI B
Vehicle intrusion	VI8
Installation	free standing with position securing (anchor) (1 x M16 adhesive anchor in concrete/asphalt per element)
Terminal elements	required; REBLOC 100SF_4TR/L (4 x M24 adhesive anchors)
Dimensions L x W x H in cm	800 x 56 x 100 cm
Weight/element	6.000 kg
Elements/truck (24 t)	4 elements
Minimum installation length	96 m (not including terminal elements)
Curve radius	$r \geq 350$ m, smaller radii on request
Coupling/exposed steel parts	fully integrated, exposed parts hot-dip galvanized
CE-certification	✓

System elements - combinable



Terminal element
REBLOC 100SF_4TR/L



Dilatation element
REBLOC 100SF_2.35EXM