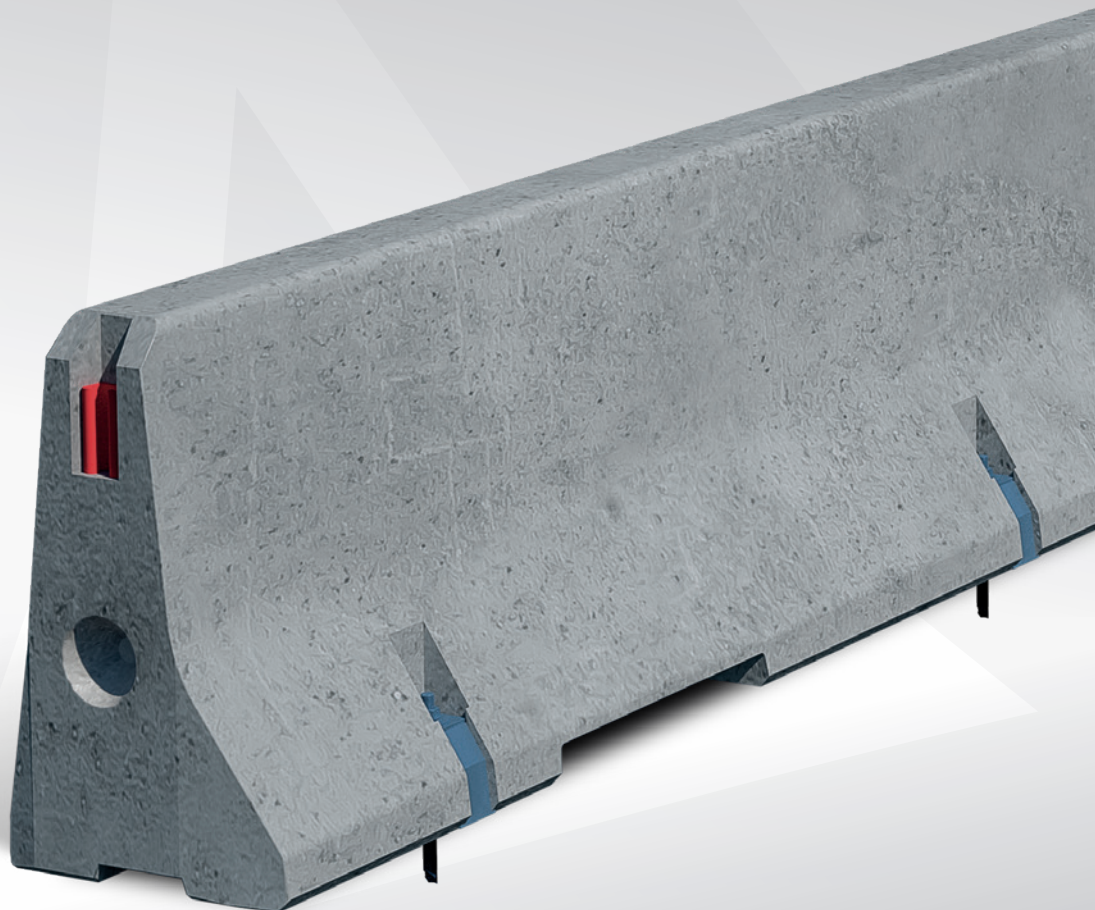


DB 80AS-A



DELTABLOC®
SAFETY BARRIERS

The complete solution for bridges

DB 80AS-A **PRECAST CONCRETE BARRIER**

DELTABLOC.COM

DELTABLOC®

FULLY TESTED

- ▶ According to EN 1317
- ▶ Tested on full-scale bridge deck
- ▶ Equipped with high energy absorbing anchor technology (Absorption Link)

FULLY MODULAR

- ▶ Connectable to other concrete barriers
- ▶ Connectable to steel guardrails
- ▶ Special solution available

APPLICATIONS

- ▶ Verge on bridges or concrete foundations
- ▶ Double row central reserve on bridges or concrete foundations



**ANCHORED
ON CONCRETE**

PROPERTIES

DB 80AS-A

anchored on concrete

H2 | W1 | B

Element Width
0.48 m

Element Height
0.80 m

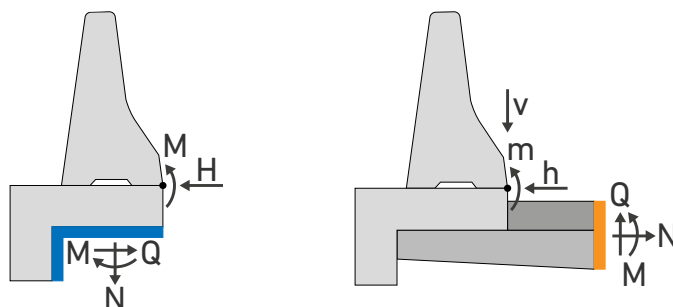
Element Length
6.00 m

A modern vehicle restraint system for bridges has to fulfill a variety of requirements for technical consistency. Besides the obligatory necessity for top crash test performance, there is the need to integrate all the special construction details used in modern bridge design.

DELTABLOC® bridge systems have been tested extensively to prove their superior performance for safeguarding bridges. At the obligatory EN 1317 full-scale crash tests we have measured the impact forces and stress to the bridge structure under real impact conditions.

The DB 80AS-A is equipped with high energy absorbing anchor technology, which can reduce the impact forces on the bridge deck up to 75 %.

REDUCED IMPACT FORCES



Bridge cap				Bridge structure			
H [kN]	M [kNm]	n	e [m]	h [kN / m]	v [kN / m]	m [kNm / m]	l [m]
80	30	4	1.0	75	75	65	4
n: number of single loads				e: distance between single loads		l: considered length for distributed loads	

DB 80AS-A

THE COMPLETE SOLUTION FOR BRIDGES

The DB 80AS-A is part of DELTABLOC®'s holistic passive traffic safety concept and is the perfect barrier solution for any type of bridge. The DB 80AS-A is anchored on concrete and absorbs up to 75 % of the impact forces and therefore protects the bridge from damages which results in cost savings for bridge operators.



COST REDUCTION

Bridge operators benefit from low repair costs in case of an accident

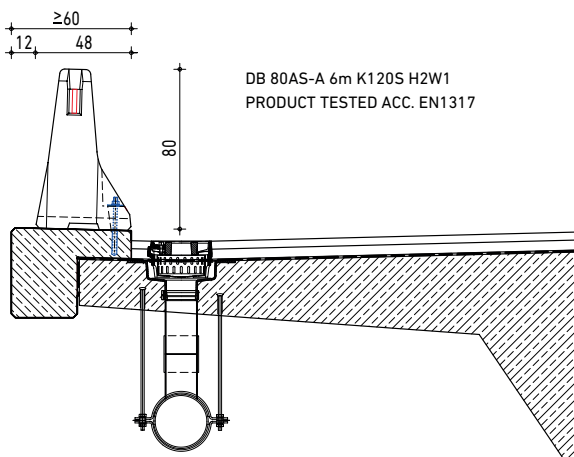
FORCE ABSORPTION

Up to 75 % of the impact force can be absorbed by the absorbing anchor technology

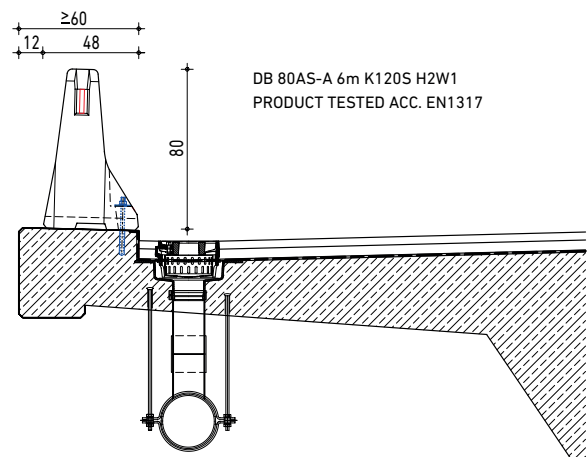
SPECIAL SOLUTION

DB 80 Dilatation Set for compensation of thermal length changes

Bridge cap installation



Bridge structure installation





DB 80AS-A



Absorption Link
High energy absorbing anchor technology



KIRCHDORFER
ROAD & TRAFFIC

DELTABLOC®

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