

DELATABLOC® EP 80BAS-R IN-SITU BARRIER

Technical Product Data Sheet

						L1	L2	L3	L4a	L4b
T1	T2	T3	N1	N2	H1	H2	H3	H4a	H4b	

With the vehicle restraint system EP 80BAS-R DELATABLOC® offers an in-situ concrete safety barrier for use on bridge caps.

The system has a height of 0.80m and a width of 0.56m and reaches a system performance of working width W1 and vehicle intrusion VI 2 at containment level H2. The impact severity level is ASI B.

Main features:

- ▶ H2|W1 (rigid) according to EN 1317-1:2011
- ▶ reinforcing elements protected against corrosion
- ▶ tested impact severity level ASI B
- ▶ crash tested with construction joints

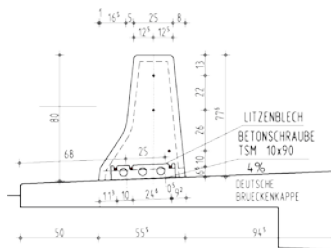


Technical specifications

Concrete specifications	resistant against frost and de-icing salt (depending on country-specific requirements)
Reinforcing steel strands	6x steel strands EP strand 140, galvanized or epoxy-coated (according to national requirements)
Construction joints	cutting depth 5cm, joint distance 5m
Surface	vertical broom finish
Accessories	tested reflectors, traffic sign mounts, repair kit
Connectivity	can be combined with all DELATABLOC® product groups compatible with crash tested SafeLink® transitions
Repair and reconstruction	repair kit with crash tested steel strand connector for EN 1317-compliant reconstruction of the system

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Technical Specifications



Test results according to EN 1317-2	
System	EP 80BAS-R
Containment level	H2
Working width	W1
Vehicle Intrusion	VI 1
ASI	B
Reinforcing steel strands	2x steel strands EP strand 140 (galvanised or epoxy-coated)
System height	80cm
System width	56cm
Working width	0.6m
Vehicle Intrusion	0.6m
Dynamic deflection	0.0m
Tested system length	50m
Anchoring in underground	yes (embedded 4cm)
Lateral abutment	10cm asphalt overlap
Tested with construction joints	yes
Tested with vertical broom finishing	yes
Tested according to EN 1317-1:2011	yes
Tested with steel strand connectors	yes

Key facts	Tension bar	Weight	w / h
Standard EP 80BAS-E / EP strand 140	2x EP strand 140	720kg/m	56 / 80cm