

# DELTABLOC® EP 80BAS-E IN-SITU BARRIER

## Technical Product Data Sheet

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

The in-situ concrete system EP 80BAS-E is a vehicle restraint system with a modern in-situ-concrete design, that meets all current standards and safety requirements.

The innovative manufacturing system makes it possible, even in the event of a required repair or refurbishment to replace the damaged sections and still reach the crash-tested condition.

### Main features:

- ▶ H2|W1 (rigid) ASI B according to EN 1317-1:2011
- ▶ reinforcing elements protected against corrosion
- ▶ tested impact severity level ASI B
- ▶ crash tested with construction joints
- ▶ reconstruction according to norm in case of damage
- ▶ crash tested with defined asphalt abutment

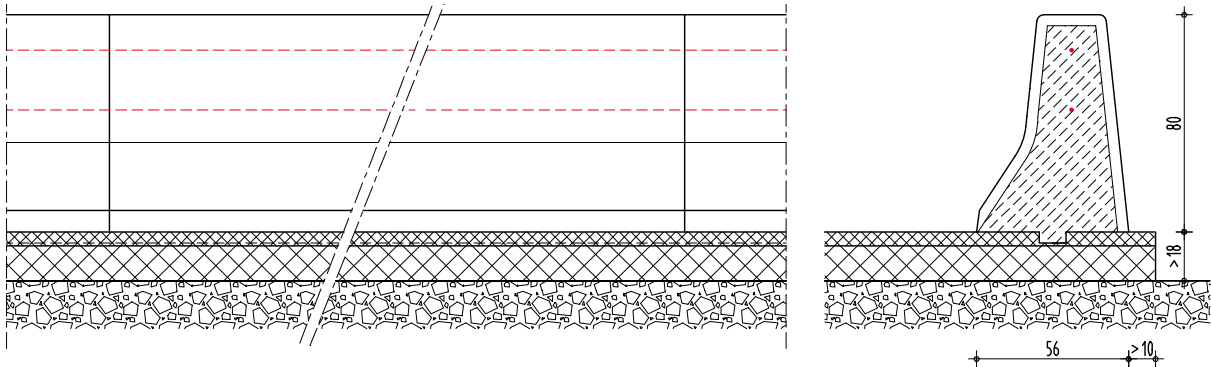


### Technical specifications

<b>Concrete specifications</b>	resistant against frost and de-icing salt (depending on country-specific requirements)
<b>Reinforcing steel strands</b>	2x steel strands EP strand 140, galvanized or epoxy-coated (according to national requirements)
<b>Construction joints</b>	cutting depth 5cm, joint distance 5m
<b>Surface</b>	vertical broom finish
<b>Accessories</b>	tested reflectors, traffic sign mounts, repair kit
<b>Connectivity</b>	can be combined with all DELTABLOC® product groups compatible with crash tested SafeLink® transitions
<b>Repair and reconstruction</b>	repair kit with crash tested steel strand connector for EN 1317-compliant reconstruction of the system

# **DELATABLOC®** **EP 80BAS-E** IN-SITU BARRIER

## Technical Specifications



### Test results according to EN 1317-2

System	EP 80BAS-E
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