

# DELTABLOC®

## EP 80B-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 80B-E is a vehicle restraint system with a modern in-situ-concrete design that meets all current construction and safety regulations.

Based on the new steel-strand connector system it is firstly possible to exchange sections of the barrier system in the case of necessary repair or reconstruction. The original and crash tested situation is guaranteed after this exchange.

#### Main features

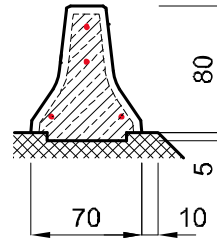
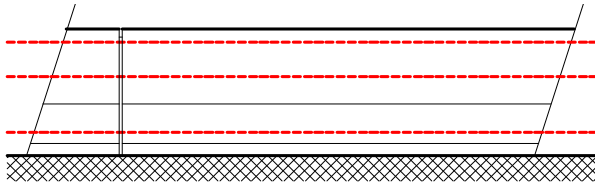
- ▶ H2|W2 (rigid) ASI B according to EN 1317-1:2011
- ▶ reinforcing elements protected against corrosion
- ▶ proven impact severity level 1.2  $\triangleq$  ASI B
- ▶ crash tested with contraction joints without spalling
- ▶ reconstruction according to norm in case of damage
- ▶ crash tested with specified asphalt abutment



Technical specifications	
Concrete specifications	resistant against frost and de-icing salt (depending on country-specific requirements)
Reinforcing steel strands	4x steel strands EP strand 140, galvanised or epoxy-coated (according to national requirements)
Connection	steel-strand connectors: EP connector 140, corrosion protected
Contraction 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 DELTABLOC® product groups compatible with tested transitions
Repair and reconstruction	repair kit with crash tested steel strand connectors for EN 1317-compliant reconstruction of the system

# **DELTABLOC®** **EP 80B-E** IN-SITU BARRIER

## Technical Specifications



Test results according to EN 1317-2	
System	EP 80B-E
Containment level	H2
Working width	W2
Vehicle Intrusion	VI 1
ASI	B
Reinforcing steel strands	4x steel strands EP strand 140 (galvanised or epoxy-coated)
System height	80cm
System width	70cm
Working width	0.7m
Vehicle Intrusion	0.6m
Dynamic deflection	0.0m
Tested system length	54m
Anchoring in underground	yes (embedded 5cm)
Lateral abutment	10cm asphalt overlap
Tested with contraction 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 80B-E / EP strand 140	4x EP strand 140	840kg/m	70 / 80cm