

# DELTABLOC® EP 80B 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 is a vehicle restraint system with a modern in-situ-concrete design that can be mounted on asphalt and gravel surfaces.

With the impact severity level ASI B this system offers optimum passenger safety in combination with high restraint safety and a small working width.

### Main features

- ▶ ASI B according to EN 1317-1:2011
- ▶ H2|W2 on asphalt surface, H2|W3 on gravel surface
- ▶ reinforcing elements protected against corrosion
- ▶ crash tested with contraction joints without spalling
- ▶ reconstruction according to norm in case of damage



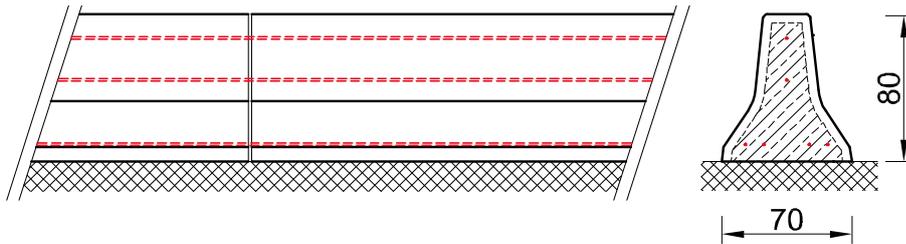
### Technical specifications

<b>Concrete specifications</b>	resistant against frost and de-icing salt (depending on country-specific requirements)
<b>Reinforcing steel strands</b>	6x steel strands EP strand 140, galvanised or epoxy-coated (according to national requirements)
<b>Connection</b>	steel-strand connectors: EP connector 140, corrosion protected
<b>Contraction 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 connectors for EN 1317-compliant reconstruction of the system

# DELTABLOC®

## EP 80B IN-SITU BARRIER

### Technical Specifications



Test results according to EN 1317-2		
System	EP 80Ba	EP 80Bs
Containment level	H2	H2
Working width	W2	W3
Vehicle Intrusion	VI 1	VI 2
ASI	B	B
Reinforcing steel strands	6x steel strands EP strand 140 (galvanised or epoxy-coated)	6x steel strands EP strand 140 (galvanised or epoxy-coated)
System height	80cm	80cm
System width	70cm	70cm
Working width	0.7m	0.9m
Vehicle Intrusion	0.6m	0.8m
Dynamic deflection	0.0m	0.2m
Tested system length	63m	63m
Installation surface	Asphalt	Compacted gravel ballast subsoil
Anchoring in the ground	no	no
Tested with contraction joints	yes	yes
Tested with vertical broom finishing	yes	yes
Tested according to EN 1317-1:2011	yes	yes
Tested with steel strand connectors	yes	yes

Key facts	Tension bar	Weight	w / h
Standard EP 80B / EP strand 140	6x EP strand 140	848kg/m	70 / 80cm