

ProTec 100 – our Bestseller.

T1 / W1 / ASIA and T3 / W2 / ASIA



Safety by Berghaus





Contraflow traffic safely separated with ProTec 100.

Mobile crash barriers in roadworks clearly enhance traffic safety. Their containment capacity prevents road users from leaving the carriageway and colliding with oncoming traffic, while also providing safe working conditions on site.

The mobile crash barrier ProTec 100 with a very narrow structural width of only 25m and a weight of 124 kg per meter is an ideal addition to the proven portfolio of ProTec products. Given the positive echo to the mobile road restraint systems ProTec 120 and 160, the Berghaus development engineers have created a crash barrier that builds on and even supplements the known advantages of the ProTec systems.

No matter what your particular application is, mobile crash barriers in the ProTec family always put you on the safe side!

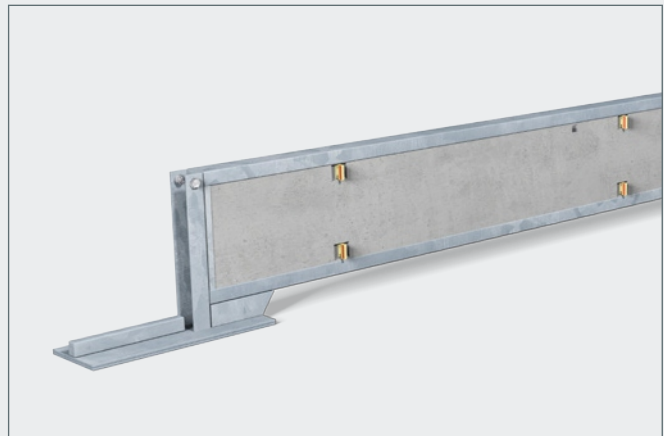
Advantages of the ProTec 100 at a glance:

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| <ul style="list-style-type: none"> • positive appraisal and approval by BAST • narrow structural width needs minimum space requirements • force-fit transitions available for all ProTec systems • repair elements for swift reconstruction after an accident • rubber-based stands protect the road surface • reflectors mounted in protected recess | <ul style="list-style-type: none"> • generous water drainage opening under the crash barrier • no risk of aquaplaning or of dirt accumulating in front of the crash barrier • no start or end anchoring necessary • system with successfully tested tipping length limitation (KLB element) • quick and easy installation |
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The ProTec family consists of several successfully tested mobile crash barriers – for all application areas of mobile road restraint systems pursuant to the ZTV-SA. Despite differing shapes and structures, all mobile crash barriers in the ProTec family can be combined with each other and fitted together with force-fit connections. Mobile crash barriers in the ProTec family can also be combined with stationary restraint systems or mobile systems by other manufacturers with a force-fit connection.

ProTec 100: Minimum space requirements, fast installation.

Technical data	
Containment level	T1 / T3
Effective range	W1 / W2
ASI value	A
Structural width	0.25 m
Height	0.56 m
Element length	6 m
Minimum installation length	137 m
Ground anchoring	no
Weight per m	124 kg
Test date	03/05/2011
Test number	BAST 2011 7E 56



Standard element 6 m

Test conditions as per DIN EN 1317-2		
Acceptance test	TB 21	TB 41
Test vehicle	PKW	LKW
Weight	1.3t	10t
Impact angle	8°	8°
Speed	80 km/h	70 km/h



Start/end element

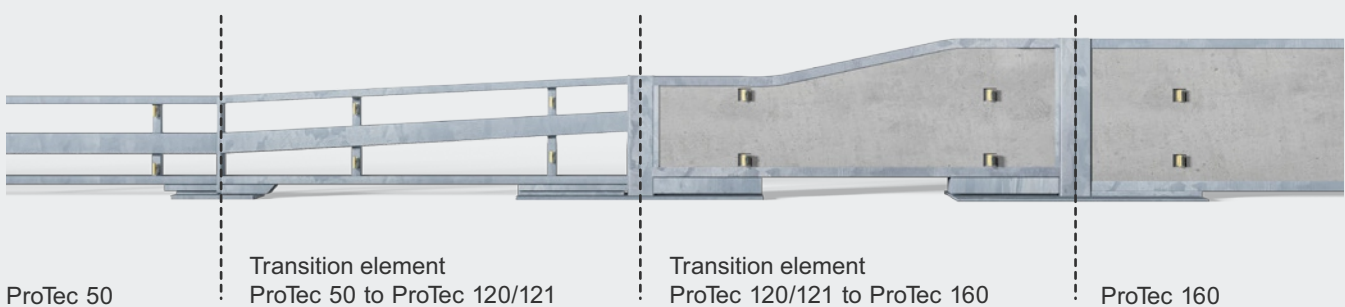


Dilatation element



Tipping length limitation (KLB element)

Combination example for a force-fit connection across the whole ProTec family.



ProTec 50

Transition element
ProTec 50 to ProTec 120/121

Transition element
ProTec 120/121 to ProTec 160

ProTec 160

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Products may differ from illustrations shown.
All details are approximate.