

ProTec 121 – with an outstanding effective range.

T1 / W1 / ASI A and T3 / W1 / ASI A as well as H1 / W5 / ASI B



Safety by Berghaus





ProTec 121 reliably separates traffic flows and construction sites.

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.

ProTec 121 is based on the well-known ProTec 120 system; with a very narrow structural width of only 24cm and a weight of just 170kg per meter it is an ideal addition to the proven portfolio of ProTec products. The ideal effective range of W1 and minimum space requirements makes ProTec 121 simply outstanding for use in ZTV-SA „B” applications between roadworks and flowing traffic and particularly for „D” applications in contraflow traffic.

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 121 at a glance:

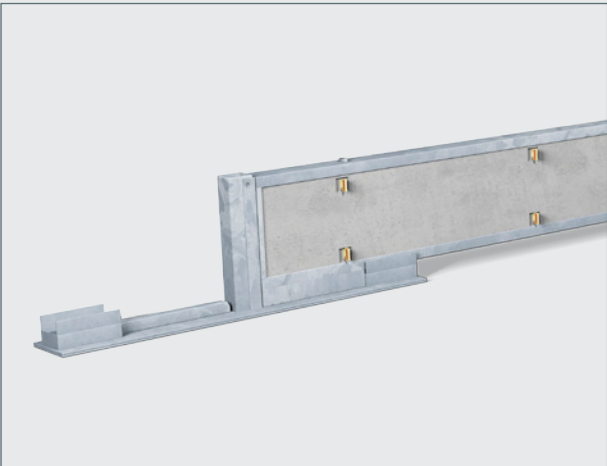
- smallest effective range class
- narrow structural width needs minimum space requirements
- quick and easy installation
- tested reflectors mounted in protected recess
- generous water drainage opening under the crash barrier
- no risk of aquaplaning or of dirt accumulating in front of the crash barrier

- H1-tested, therefore no tipping length limitation (KLB element) necessary
- rubber-based stands protect the road surface
- force-fit connections available for all ProTec systems
- low element weight for high transport loading volume
- wide range of connection and special elements

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 121:
Ideal effective range for use as lane separation.

Technical data	
Containment level	T1 / T3 / H1
Effective range	W1 / W1 / W5
ASI value	A / A / B
Structural width	0.24m
Height	0.63m
Element length	10 m
Minimum installation length	156 m
Ground anchoring	no / start element yes
Weight per m	170 kg
Test date	16.+17/11/2015; 18/11/2015
Test number	T3: F15625401/402 H1: F15625403/404



Standard element 10 m

Test conditions as per DIN EN 1317-2		
Acceptance test	TB 21 / TB41	TB 11 / TB 42
Test vehicle	PKW / LKW	PKW / LKW
Weight	1.3t / 10t	0.9t / 10t
Impact angle	8° / 8°	20°/ 15°
Speed	80km/h / 70km/h	100km/h / 70km/h



Start/end element

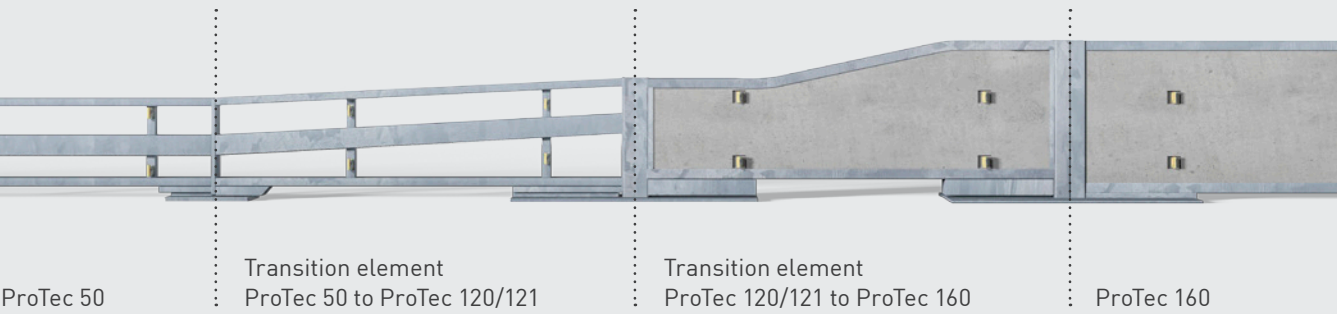


Transition to stationary crash barrier



Dilatation element

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





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