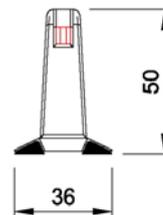
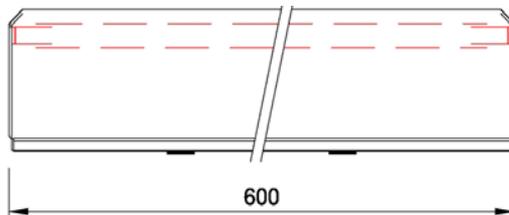


high protection - fast installation



The system DB 50S is mainly used to guide the traffic flow and dividing lanes on motorways. The DB 50S was planned as a light protection wall, particularly to secure construction sites temporarily. During the development the main focus was put on the following aspects:

- ▶ achieving EN 1317 requirements for temporary vehicle restraint systems
- ▶ compact measurements
- ▶ fast installation
- ▶ little weight and high transportation capacity



Technical specifications

concrete quality	frost- and dew salt-resistant (depending on national requirements)
coupling	patented coupling, hot dip galvanised
tension bar	patented steel tension bar, hot dip galvanised
special length	3m
accessories	approved reflectors, sign posts
curve radii	3m elements: $r \geq 20m^*$ 6m elements: $r \geq 40m^*$ <small>* smaller radii are possible, please see section Curves in the Implementation Guide</small>
misc.	hot dip galvanised steel angles on elastomer bearings at the bottom thrust screws reduce the deflection of elements reliable "domino effect"-prevention without additional parts or fixing

Test results acc. to EN 1317-2

type	DB 50S	DB 50S
element length	6m	6m
containment level	T1	T3
ASI	A	A
coupling	K60	K60
installation method		
system width	36cm	36cm
system length	50cm	50cm
working width	W1	W5
max. deflection	19cm	108cm
tested system length	54m (without terminal elements)	54m
terminal anchoring	yes	yes
connected to the ground	no	no
tested positive	yes	yes

Key facts	coupling	weight	l / w / h
Standard element DB 50S	K60	1160kg	600 / 36 / 50cm
Transition DB 50S / DB 65S	K120	710kg	300 / 39 / 65cm
Terminal DB 50S	K120	460kg	300 / 36 / 50cm