

ultimate safety – flexible application

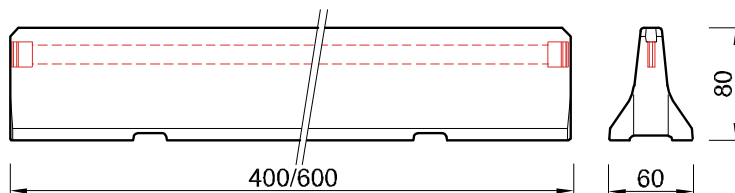
| | | | | | | | | | |
|----|----|----|----|----|----|----|-----|-----|-----|
| | | | | L1 | L2 | L3 | L4a | L4b | |
| T1 | T2 | T3 | N1 | N2 | H1 | H2 | H3 | H4a | H4b |

The DB 80 is a state-of-the-art vehicle restraint system with the New Jersey profile. In conjunction with the continuous tension bar it prevents reliably any breakthrough of vehicles in case of impact.

Essential characteristics:

- ▶ versatility
- ▶ efficient installation
- ▶ low maintenance costs
- ▶ excellent price/restraint ratio

The range of applications of the DB 80 is especially wide. It can be used as a temporary construction-site barrier or even as a permanent double-rowed safety barrier in the central reservation on motorways.



Technical specifications

| | |
|-----------------------------------|--|
| Concrete qualities | resistant to frost and de-icing salt (depending on specific national regulations) |
| Coupling & tension bar | patented coupling and tension bar system, hot-dip galvanised |
| Special lengths | 2m, 4m |
| Accessories | tested reflectors, traffic sign mounts, butt joint inserts |
| Curve radii | 2m elements: r ≥ 40m* 4m elements: r ≥ 80m* 6m elements: r ≥ 120m* * smaller radii available on request |
| Misc. | butt joint inserts to minimise displacement in case of impact, anchoring only required for terminals, width for trough installation: 200cm |

Test results according to EN 1317-2

| Type | DB 80 | DB 80 | DB 80 | DB 80 | DB 80 | DB 80 |
|--------------------------------|-----------------------------|---------|---------|-------|-------|-------|
| Element length | 6m | 6m | 6m | 6m | 4m | 4m |
| Containment level | N2 | H1 / L1 | H2 / L2 | H2 | H1 | N2 |
| Working width | W3 | W4 | W7 | W6 | W6 | W4 |
| ASI | B | B | B | B | B | B |
| Tension bar | K150S | K150S | K150S | K180S | K180 | K120S |
| Installation method | ⌒ | ⌒ | ⌒⌒ | ⌒ | ⌒ | ⌒ |
| System height | 80cm | 80cm | 80cm | 80cm | 80cm | 80cm |
| System width | 60cm | 60cm | 200cm | 60cm | 60cm | 60cm |
| Max. displacement | 38cm | 63cm | 40cm | 150cm | 128cm | 61cm |
| Tested system length | 108m | 108m | 108m | 108m | 56m | 56m |
| | (without terminal elements) | | | | | |
| Terminal anchoring | yes | yes | yes | yes | yes | yes |
| Anchoring in the ground | no | no | no | no | no | no |
| CE certification | yes | yes | yes | yes | yes | yes |

Key facts

| | Tension bar | Weight | l / w / h |
|--|-------------|--------|---------------------|
| Standard DB 80 / 6m | K150S | 3115kg | 600 / 60 / 80cm |
| Standard DB 80 / 4m | K120S | 2140kg | 400 / 60 / 80cm |
| Standard DB 80 / 4m | K180 | 2240kg | 400 / 60 / 80cm |
| Terminal DB 80 / 4m 2-part part 1 | K180 | 1355kg | 400 / 60 / 50cm |
| Terminal DB 80 / 4m 2-part part 2 | K180 | 2044kg | 400 / 60 / 50-80cm |
| Terminal DB 80 / 4m | K180 | 1690kg | 400 / 60 / 80 |
| Transition DB 65S - DB 80 | K120 | 1170kg | 300 / 60 / 65-80cm |
| Transition DB 80 - DB 100 | K180 | 2950kg | 400 / 70 / 80-100cm |
| Transition DB 80 - steel | K180 | 1770kg | 400 / 60 / 80cm |