

DIN EN 12767:2008-01 (E)

Passive safety of support structures for road equipment - Requirements, classification and test methods

Contents		Page
Foreword		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 Test parameters		8
4.1 General parameters		8
4.2 Backfill types		9
4.3 Particular test parameters for different roadside objects		10
5 Requirements		11
5.1 General		11
5.2 Basic requirements		12
5.3 Additional requirements for cantilever and gantry sign supports		13
5.4 Deemed to comply		13
5.5 Selection of items for test and product families		13
5.6 Non-harmful support structures		15
6 Impact test method		15
6.1 Test site		15
6.2 Test vehicle		15
6.3 Test item		17
6.4 Installation		17
6.5 Position of the impact point and impact angle		18
6.6 Test data to be recorded		19
6.7 Test vehicle impact and exit speed		19
6.8 Test vehicle approach angle		20
6.9 Test vehicle instrumentation		21
6.10 Photographic coverage		21
6.11 Test report		22
6.12 Test data decimal rounding		22
Annex A (normative) Backfill types		23
Annex B (normative) Compaction of the backfill soil		24
Annex C (normative) Evaluation of the performance of HE and LE lighting columns within a family		25
Annex D (normative) Test report		26
Annex E (normative) Vehicle data and dimensions		29
Annex F (normative) Deemed to comply		31
Annex G (informative) Bogie vehicle		32
Annex H (informative) Roof deformation		33
Bibliography		34