

DIN EN 13374:2026-05 (E)

Temporary edge protection systems - Product specification - Test methods

Contents		Page
	European foreword	4
	Introduction	5
1	Scope	6
2	Normative references	7
3	Terms and definitions	8
4	Classification of edge protection systems	12
4.1	General	12
4.2	Class A	12
4.3	Class B	12
4.4	Class C	12
5	Requirements	13
5.1	General	13
5.1.1	Basic requirements	13
5.1.2	Safety nets	13
5.1.3	Principal guardrail	13
5.1.4	Intermediate guardrail	13
5.1.5	Toeboard	13
5.2	Additional dimensional requirements for individual classes	13
5.2.1	Edge protection system class A	13
5.2.2	Edge protection system class B	14
5.2.3	Edge protection system class C	15
5.3	Material requirements	17
5.3.1	General	17
5.3.2	Steel	17
5.3.3	Timber	17
5.3.4	Material for counterweights	17
5.4	Static and dynamic design requirements for individual classes	17
5.4.1	General	17
5.4.2	Edge protection system class A	18
5.4.3	Edge protection system class B	18
5.4.4	Edge protection system class C	18
6	Structural design	18
6.1	General	18
6.1.1	Introduction	18
6.1.2	Method of design	18
6.1.3	Ultimate limit state (fundamental and accidental loads)	19
6.1.4	Serviceability limit state	20
6.2	Partial safety factors	20
6.2.1	Ultimate limit state with fundamental loads	20
6.2.2	Serviceability limit state	20
6.2.3	Ultimate limit state with accidental loads	21
6.3	Static loads	21
6.3.1	General	21
6.3.2	Serviceability limit state -- Point loads	23
6.3.3	Ultimate limit state -- Point loads	25

6.3.4	Ultimate limit state -- Maximum wind load	26
6.3.5	Ultimate limit state -- Load combination	27
6.3.6	Ultimate limit state -- Load parallel to the edge protection system	28
6.3.7	Ultimate limit state with accidental loads	28
6.3.8	Accidental removal	29
7	Test methods	30
7.1	General	30
7.2	Load application	30
7.3	Sample to be tested	30
7.4	Tests for conformity with static load requirements for classes A and B	31
7.4.1	General	31
7.4.2	Tests for serviceability	31
7.4.3	Test for strength	32
7.5	Tests for conformity with dynamic load requirements for classes B and C	34
7.5.1	Test procedure for Class B and Class C	34
7.5.2	Test procedure for Class C	37
7.6	Test reports	40
8	Designation	40
9	Marking	41
10	Information to be given to the site	41
10.1	General requirements	41
10.2	Principal contents	41
11	Assessment	42
Annex A (informative) Inclinations, falling heights and height of edge protection		43
A.1	Appropriate classes for the use at different inclinations and falling heights	43
A.2	Height of edge protection on different levels	48
A.3	Additional protection above the principal guardrail	48
Annex B (informative) Simplified methods		51
B.1	Simplified test procedure	51
B.2	Simplified evaluation of recorded results	51
Annex C (informative) A-deviations		52
Bibliography		54