

DIN EN 131-2:2025-10 (E)

Ladders - Part 2: Requirements, testing, marking (includes Amendment A3:2025)

Contents		Page
European foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Requirements	8
4.1	General	8
4.2	Materials	8
4.3	Design	13
4.4	Surface finish	13
4.5	Hinges (turning points)	14
4.6	Opening restraints	14
4.7	Rungs/steps/platforms	14
4.8	Platform	15
4.9	#Ladder feet and anti-skid devices\$	15
4.10	Extending and sectional ladders	16
5	Testing	16
5.1	General	16
5.2	#Strength test for all ladders\$	16
5.3	Bending test of the stiles	19
5.4	Lateral deflection test of the ladder	20
5.5	Bottom stile ends test	21
5.6	Vertical load on rungs, steps and platforms	22
5.7	Torsion test of rungs and steps	23
5.8	Test of opening restraints and hinges of standing ladders	24
5.9	Test for ladder rung/step hooks of extending ladders and combination ladders	25
5.10	Kick-up test of the platform of standing ladders	26
5.11	Feet pull test	27
5.12	Test on hand-/kneerails	29
5.13	Maximum extension of ladder	30
5.14	3-part combination ladder in A-position test	31
5.15	#Torsion test for standing ladders\$	31
5.16	Test methods for plastic ladders	34
5.17	Durability test for standing ladders	39
5.18	Base slip test for leaning ladders	46
5.19	Strength test for lateral type stabilizers on leaning ladders which are in the plane of the ladder	49
5.20	Strength test for pole type stabilizers on leaning ladders which are not in the plane of the ladder	50
5.21	Torsion test for leaning ladders	51
6	Marking and user instructions	53
7	Certification	53
Annex A (normative)	Test sequence	54
Annex B (informative)	A-deviations	57
Bibliography		60