

DIN EN 14975:2010-12 (E)

Loft ladders - Requirements, marking and testing (includes Amendment A1:2010)

	Contents	Page
Foreword	3	
1 Scope	4	
2 Normative references	4	
3 Terms and definitions	4	
4 Maximum load	7	
5 Test methods	7	
5.1 General	7	
5.1.1 Tolerances	7	
5.1.2 Test sequence	8	
5.1.3 Test temperature	8	
5.2 Static load test	8	
5.3 Fatigue test	9	
5.4 Torsion test of rungs or treads	9	
5.5 Handrail test	9	
5.6 Ladder stops test	11	
5.7 Rungs or treads bending test	11	
6 Ladder construction and design	11	
6.1 General	11	
6.2 Climbing angle	13	
6.3 Bearing surface	13	
6.4 Handrails	13	
6.5 Anti-slip surface	13	
6.6 Tread or rung pitch	13	
6.7 Free width between stiles	13	
6.8 Depth of bearing surface	14	
6.9 Distance between the floor and the top of the first rung or tread	14	
6.10 Distance between the last rung or tread and the loft floor	14	
6.11 Distance between a rung or tread and the trapdoor	14	
6.12 Operability	15	
6.12.1 Upward pressure	15	
6.12.2 Descent control	15	
6.13 Sharp edges	15	
6.14 Surface finish	15	
6.15 Feet	15	
6.16 Unintentional opening	15	
6.17 Insulating and/or sealing values	16	
7 Marking	16	
8 User instructions	16	