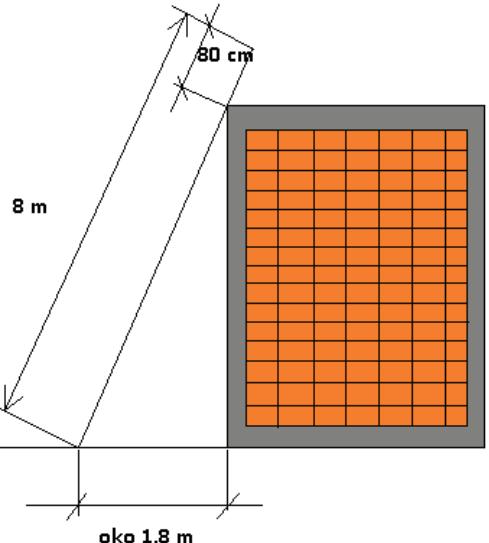


Upute za siguran rad sa ljestvama

- Mjesto na koje postavljaš ljestve mora biti čvrsto, ako je podloga mekana i ljestve propadaju onda se postavlja čvrsta podloga koja će podupirati dno ljestava,
 - Osiguraj mjesto postavljanja ljestava od prolaznika kako pješaka tako i vozila, obilježi mjesto radova ako radove izvodiš na mjestu prometa vozila,
 - Prije penjanja provjeri ispravnost ljestava,
 - Prije penjanja provjeri đonove cipela, đonovi ne smiju biti masni i blatnjavi,
 - Ljestve se postavljaju pod kutom od oko 75° . Ovaj ugao se može podešiti na način da na primjer, ako su ljestve duge 4 m, onda se odmiču od objekta na koji se naslanjaju za 1 m, a ako su ljestve duge 8 m, onda se od objekta odmiču 2 m.



Savjeti i održavanje

- Na ljestve se nesmiju nositi teški predmeti,
 - Tokom penjenja i spuštanja sa ljestvi, primjeni pravilo „tri tačke kontakta“ što znači da u svakom momentu kontakt sa ljestavama moraju ostvarivati dvije ruke i jedna noge ili dvije noge i jedna ruka
 - Tokom rada na ljestvama, tijelo ne naginjati previše ni na jednu stranu,
 - Ljestve nikad ne postavljam na nestabilne predmete kao što su kante, stolice, cijevi i slično,
 - Alat koji nosiš sa sobom, nosi u kutiji za alat zakačenoj oko struka,
 - Osiguraj vrh i dno ljestvi od ometanja od drugih radnika ili mašina,
 - Ako ljestve postavljaš ispred vrata, onda vrata blokiraj ili zaključaj,
 - Osiguraj prostor za ljestve, provjeri da u blizini nema otvorenih provodnika električne struje,
 - Nemoj stajati na posljednje tri prečke ljestava,
 - Kod ljestvi na izvlačenje, osiguraj da je mehanizam zaključavanja na mjestu, kuke osiguraj od klizanja prema dole,
 - Kada nosiš ljestve, nosi ih horizontalno sa strane, na ovaj način osiguraćeš sebi dobar balans i lakše ćeš nositi ljestve,
 - Nemoj se penjati na ljestve ako to vremenske prilike ne dozvoljavaju (jak vjetar, snijeg, kiša),
 - Ljestve na razvlačenje izvlače se i uvlače sa zemlje,
 - Kada završiš sa poslom, ljestve spakuj i ostavi na za to predviđeno mjesto,
 - Održavaj i pregledaj ljestve redovno a oštećenje ljestve daj na popravku,
 - Aluminijumske ljestve treba zaštiti od kontakta sa agresivnim materijama, posebno kiselinama i bazama te drugim korozivnim materijama.

Atest o ispitivanju ljestava

 OKM Osmangazi Kalkınma Mekanizması	MEASUREMENT REPORT	Doküman No : FR.001 Yayın Tarihi : 01.09.2014 Rev. No/Tarih : 02/25.10.2015 Sı/Sı : 1/3
---	---------------------------	--

Rapor No: OKM-1510382
Date: 2015.07.10
Customer: ZİGANA EV GERECLERİ
Adres: O.S.B., 29. CD, NO:51 KAYSERİ
Part Name : One sided ELIPS Ladder
Test Conditions:
BS EN 131-2:2007+A1:2011 Ladders-Terms, types, functional sizes
BS EN 131-2:2010-A1:2012 Ladders-Requirements, testing, marking
BS EN 131-3:2007 Ladder; Use instructions

1. Scope:
This standard specifies the general design features, requirements and test methods for portable ladders. It does not apply to step stools or ladders for specific professional use such as fire brigade ladders, roof ladders and mobile ladders. It does not apply to ladders used for work on or near live electrical systems or installations.

In the working position all ladders are determined for a maximum static vertical load of 150 kg.
Ladders are to be used by one person only per ascending leg of ladder.

Cilent claim maximum permissible load: 150 kg

- Sliding type: One-sided standing step ladder.
- Number of tested sample: 1 piece
- Test results: (details shown as following tables)

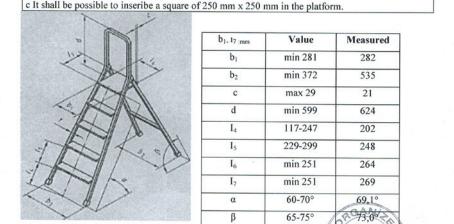
Table 1 Test Results BS EN 131-1:2007+A1:2011

Clause	Test	Results
4 Function Sizes	.	.

4.1	The steps of a ladder shall be equally spaced.	Pass
-----	--	------

Dimensions in millimeters										
4.6	b 1	b 2	c	d	i4	i5	i6	i7	a	
Min.	280	b1+0.1 l2-2	-	600	555	230	250	250	60	65
Max.	-	-	30	-	15+15	300	-	-	70	75

a The thickness of the stile is the outside dimension of the stile.
 b Measured centrally



	MEASUREMENT REPORT	Dokument No. : FR.001 Yayın Tarihi : 01.09.2014 Rev. No.Tarihi : 02/25.10.2015
---	--------------------	--

<https://testresults.bseindia.com/131-23010-A1-3012>

Characteristics	Test		Result
	Test	Test	
4 Requirements			
4.1 General	General		Pass
4.2 Structural	Structural		Pass
4.3 Surface Finish	Surface Finish		Pass
4.4 Hinges	Hinges		Pass
4.5 Operating constraints	Operating constraints		Not Applicable
4.6 Seals	Seals		Pass
4.7 Weight	Weight		Pass
4.8 Anti-tamper devices	Anti-tamper devices		Not Applicable
4.9 Existing interfaces and restricted interfaces	Existing interfaces and restricted interfaces		Pass
5.1 Starting			
5.1.1 General	General		Pass
5.1.2 Strength of slings (1.15 N/mm)	Strength of the slings (1.15 N/mm)		Pass
5.1.3 Breaking load of the slings	Breaking load of the slings		Pass
5.1.4 Lateral deflection of the load	Lateral deflection of the load		Pass
5.1.5 Vertical test on crane, lifting and platform	Vertical test on crane, lifting and platform		Pass
5.1.6 Test on test of rings and stops	Test on test of rings and stops		Pass
5.1.7 Test of opening mechanisms and lifting of the load	Test of opening mechanisms and lifting of the load		Not Applicable
5.1.8 Test for the load carrying hook as it is extending	Test for the load carrying hook as it is extending		Not Applicable
5.1.9 Load capacity of the load carrying hook	Load capacity of the load carrying hook		Pass
5.1.10 Safety factor of the load carrying hook	Safety factor of the load carrying hook		Pass
5.1.11 Test on hand-breaks	Test on hand-breaks		Not Applicable
5.1.12 Maximum capacity of the load carrying hook	Maximum capacity of the load carrying hook		Not Applicable
5.1.13 Safe working load of the load carrying hook	Safe working load of the load carrying hook		Pass
5.1.14 Safe working load of the load carrying hook	Safe working load of the load carrying hook		Pass
5.1.15 Safe working load of the load carrying hook	Safe working load of the load carrying hook		Pass
6 Maintenance and user instructions	Maintenance and user instructions		Pass



	MEASUREMENT REPORT	Dokument No.: FR.001 Yayın Tarihi: 01.09.2014 Rev. No/Tarih: 02/25.01.2015
---	--------------------	--

