



KUVARS TRANSLATION AGENCY
BULGARIA

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KUVARS TRANSLATION AGENCY
BULGARIA

Translation from Bulgarian

CENTER FOR TESTING AND EUROPEAN CERTIFICATION

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[Logo]

CONSTRUCTION PRODUCTS TESTING LABORATORY (CPTL) Stara Zagora, 2 Industrialna str.

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TEST REPORT

No. 1 26 0245 WA / 06.02.2020

1. Test Sample: Ladder – Wooden Folding Ladder. Manufacturer: “Renovation Europe”
EOOD

(name, product description, unique identification, condition)

2. Applicant: Renovation Europe EOOD, 1360 Sofia, 1 Yanaki Mollov str.
(applicant's name, address and contact information)

3. Testing Application: No. 2-0091 / 03.02.2020, no sampling protocol by CPTL
(application number and date; the number and date of the sampling protocol when performing the sampling for testing)

4. Testing Location: CPTL
(place of carrying out the laboratory activities)

5. Test Method(s):
BDS EN 131-2:2010+A2:2017 Ladders - Part 2: Requirements, testing, marking
(Identification)

6. Date of receipt of the test sample in the laboratory: 03.02.2020 – 1 pcs wooden folding ladder

7. Testing Date: 06.02.2020

Head of Testing Laboratory: Signature –

ill.

(Ing. Hr. Angelova)

Round official seal of the laboratory

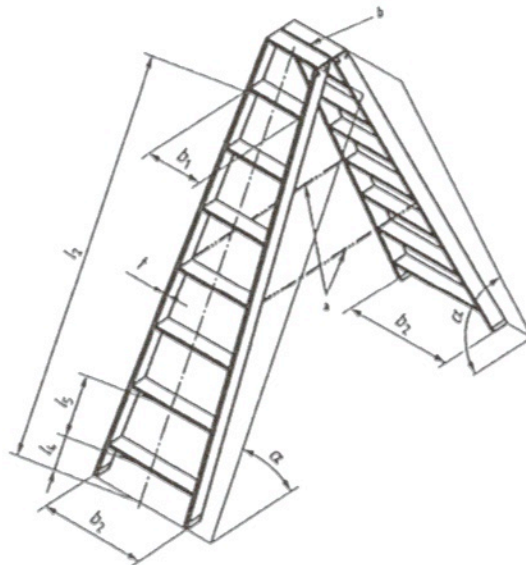


8. Test Results:

No.	Test Name / Characteristic	Testing Measurement	Test Method	Sample No. acc. to the Log	Test Results (uncertainty)	Environmental Conditions
1	2	3	4	5	6	7
1	Steps torsional stiffness	degree	BDS EN 131-2:2010+A2:2017	0176-0	16	t°=(23±0.2)°C RH=(52±1)%
2	Twisting along the ladder	mm			20	
3	Rigidity of opening and locking devices and hinges	No permanent deformation under applied load of 2600N			No permanent deformation	

BDS EN 131-1, item 4.6, Fig. 36

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9. Declaration of conformity of the test results with the limit values: in accordance with the annexes to the Report
10. Additions, deviations or exceptions to the test method: none



11. Further information required by the specific method: none

NOTE I: The test results apply only to the test samples.

NOTE II: The test report may only be reproduced in its entirety or with the written permission of the laboratory.

NOTE III: The laboratory is not responsible for sampling when provided by the customer - the results relate only to the sample provided by an external source.

Tests performed by: *Signature – ill.*

(A. Luskov)

Head of Testing Laboratory: *Signature –*

(Ing. Hr. Angelova)

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END

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Annex 1 to Test Protocol No. 1 26 0245 WA / 06.02.2020
Compliance Reporting

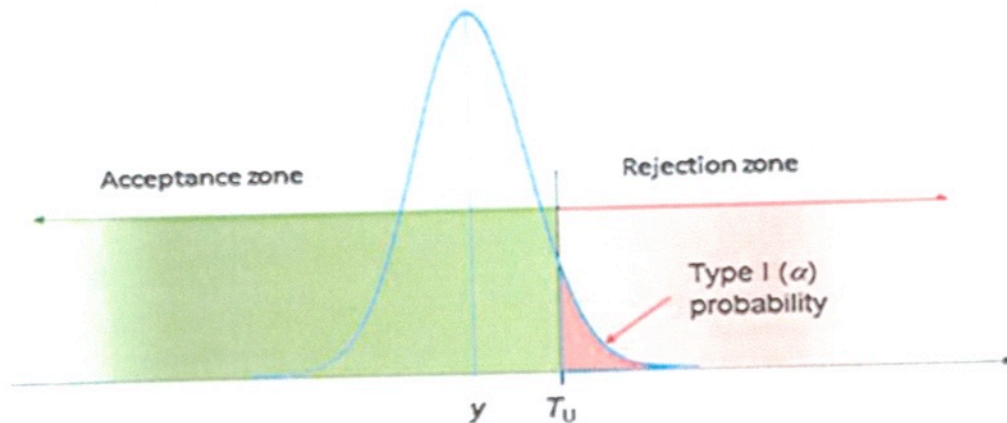
1. Compliance description: **Steps torsional stiffness**, test result is 16 degree.

2. Compliance specification / standard : BDS EN 131-2: 2010+A2:2017, item 5.7

3. Specification / standard limit:
upper limit = $1^\circ \pm 0.2^\circ$

4. Decision rule:

The decision rule for declaring compliance with a lower limit of certain specification / standard is:



There is compliance / acceptance if the hypothesis $H_0 : P(y \leq T_L) \geq (1 - \alpha)$ is correct.

There is no compliance / rejection if the hypothesis $H_0 : P(y \leq T_L) < (1 - \alpha)$ is incorrect.

The presentation in expression is:
$$P_C = \Phi\left(\frac{T_U - y}{u(y)}\right)$$

Where:

P_C – probability of compliance

$(1 - \alpha) = 0,95$ (Confidence interval approx. 95%), i.e. mistake $\alpha = 0,05$ (5%)

T_U – upper specification / standard limit = $1^\circ \pm 0.2^\circ$

y – test result = 16°

$u(y)$ combined standard uncertainty of baseline assessment = 0.375°



