



SLOVENSKI STANDARD
SIST EN 1022:1997/AC:2001
01-februar-2001

Dc\ jýhj c`nUXca U c`i dcfUvc`!`GYXYjbc`dc\ jýhj c`!`I [cHj`Ub`Y`ghUV] bcghj

Domestic furniture - Seating - Determination of stability

Wohnmöbel - Sitzmöbel - Bestimmung der Standsicherheit

Mobilier domestique - Sieges - Détermination de la stabilité

Ta slovenski standard je istoveten z: EN 1022:1996/AC:1997

[SIST EN 1022:1997/AC:2001](https://standards.iteh.ai/catalog/standards/sist/99afb3a0-2569-472f-a0fc-17018b4f3e0f/sist-en-1022-1997-ac-2001)

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ICS:

97.140 Pohištvo Furniture

SIST EN 1022:1997/AC:2001 **en**

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Position the unloaded chair with the stops against the two relevant supporting points. Apply a gradually increasing horizontal force F_O acting to tilt the chair over the two restrained supporting points in accordance with F as shown in Figures 5, 6, 7 and 8.

Record the value F_O when the seating overturns.

Calculate the force F_C required to overbalance the chair had it been loaded with the test loads.

9.2 Forwards and sideways overbalancing for chairs without arm rests

Calculate the force F_C required to overturn the seating from the formula:

$$F_C = F_O + 600 a/h$$

F_C shall be ≥ 20 N.

9.3 Sideways overbalancing for chairs with arm rests

Calculate the force F_C required to overturn the chair from the formula:

$$F_C = F_O + 1/h (250a - 350b)$$

F_C shall be ≥ 20 N.

9.4 Stools, all directions

Determine the stability of stools in the manner described in 9.2 except that the stopped feet shall be those required to tilt the stool about the axis having the lowest stability.

F_C shall be ≥ 20 N.

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9.5 Rearwards overbalancing

Calculate the force F_C required to overturn the chair from the formula:

$$F_C = F_O + 600 a/h$$

F_C shall be 80 N when $H > 720$ mm

F_C shall be $\geq 0,2857 (1000 - H)$ when $H \leq 720$ mm

10 Test report

The test report shall include at least the following information:

- a) a reference to this European Standard;
- b) the piece of furniture tested (relevant data);
- c) the test results, overbalance/not overbalance;
- d) details of any deviations from this European Standard;
- e) the name and address of the test laboratory;
- f) the date of test.