

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Household and Commercial Furnishings, UL 962, are being proposed:

- 1. Revise the horizontal loading requirements in Table 36.1 to reference the requirements in BIFMA X5.5**

STP BALLOTS AND ALL COMMENTS DUE: October 8, 2018

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

- 1. Revise the horizontal loading requirements in Table 36.1 to reference the requirements in BIFMA X5.5**

RATIONALE

Proposal submitted by: Mike Everhart, Steelcase Inc.

At the November 2017 STP 1286 meeting there was a suggestion to align the horizontal loading requirements in UL 962 with the requirements in the Standard for Desk Products, BIFMA X5.5.

It is the opinion of the proposal submitter that this proposal contains a test requirement revision or clarification.

PROPOSAL

Table 36.1
Horizontal surface loading requirements

Surface type	Surface size	Functional load	Proof load
Secondary Surface Note (1)	Unit depth < 8 in.	1.5 lbs/in. of width or as specified in (a)	3.0 lbs* width (in.) or as specified in (b)
Secondary Surface Note (1)	Unit depth ≥ 8 in ≤ 16 in.	2.5 lbs/in. of width or as specified in (a)	5.0 lbs* width (in.) or as specified in (b)
Secondary Surface Note (1)	Unit depth > 16 in.	3.5 lbs/in. of width or as specified in (a)	7.0 lbs* width (in.) or as specified in (b)
Secondary Surface Note (1)	All Sizes	See Table 1 of the Standard for Desk Products, BIFMA X5.5 (a) — Load (lbs) as specified in the user instructions	See Table 1 of the Standard for Desk Products, BIFMA X5.5 (b) — 4x load (lbs) as specified in the user instructions
Work Surface Note (1)	Unit width	4.7 lbs/in. of width or 200 lbs whichever is greater or as specified in (c)	7 lbs/in. of width or 300 lbs whichever is greater; or as specified in (d)

Table 36.1 Continued

Surface type	Surface size	Functional load	Proof load
Work Surface Note (1)	<u>All Sizes</u> Unit-width	<u>See Table 1 of the Standard for Desk Products, BIFMA X5.5 (e) Load (lbs) as specified in the user instructions</u>	<u>See Table 1 of the Standard for Desk Products, BIFMA X5.5 (d) 4x load (lbs) as specified in the user instructions</u>
Clothes and Towel Rods	All lengths	1.5 lbs/in. per length	1.5 lbs/in. per length
Clothes and Towel Hooks	All sizes	2.5 lbs/in. each hook	2.5 lbs/in. each hook
Television Support Surfaces	All sizes	Load (lbs) as specified in the user instructions	<u>1.5 times functional load</u> <u>Refer to Note: (4)</u>
Bed Note: (2)	Number of intended persons	300 lbs per person	500 lbs per person
Furnishings with seating surfaces Note: (3)	Number of intended persons	300 lbs per person	450 lbs per person
Note (1): A furnishing that has a circular or irregular shaped surface if determined to be less stable in a partially loaded condition shall be loaded along 1/3 the perimeter edge. Note (2): Refer to 36.2.1. Note (3): Refer to 36.2.3. Note (4): i) Four times (4X) the load when the supporting surface is rated 100 pounds (45.36 kG) or less, or ii) Two times plus 200 pounds (2x + 200 lbs) (2x + 90.72 kG) when the rated load is greater than 100 pounds. A specified load greater than 100 pounds shall be not less than 105 pounds (47.6 kG).			

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