ISO 7171:2019 (E)

Furniture — Storage units — Test methods for the determination of stability

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 General test conditions

- 4.1 Preliminary preparations
- 4.2 Application of forces
- 4.3 Tolerances
- 4.4 Prevention of movement during test
- 4.5 Loading

5 Test equipment and apparatus

6 Stability tests

- 6.1 General
- 6.2 Doors, extension elements and flaps closed, all storage units unloaded
- 6.2.1 Units that are or can be adjusted to a height of 1 000 mm or less
- 6.2.2 Units that are or can be adjusted to a height of more than 1 000 mm
- 6.3 Opening doors, extension elements and flaps, all storage units unloaded
- 6.4 Doors, extension elements and flaps opened and unlocked
- 6.4.1 All storage areas unloaded and all doors, extension elements and flaps open
- 6.4.2 All storage areas unloaded with overturning load
- 6.4.3 All storage areas loaded with overturning load
- 6.5 Doors, extension elements and flaps closed and locked, all storage units loaded
- 6.6 Dynamic stability test for units with castors
- 6.7 Strength test for wall attachments

7 Test report

Annex A (informative) Loads and forces for storage furniture stability tests

- A.1 Principle
- A.2 Requirements

Annex B (informative) Purpose and the applicability of test methods

- B.1 Purpose
- B.2 Rationale for selected tests
- B.3 Doors, extension elements and flaps closed, all storage units unloaded
- B.3.1 Units that are or can be adjusted to a height of 1 000 mm or less (6.2.1)
- B.3.2 Units that are or can be adjusted to a height of more than 1 000 mm (6.2.2)
- B.4 Opening doors, extension elements and flaps, all storage units unloaded (6.3)
- B.5 Doors, extension elements and flaps opened and unlocked
- B.5.1 All storage areas unloaded and all doors, extension elements and flaps open (6.4.1)
- B.5.2 All storage areas unloaded with overturning load (6.4.2)
- B.5.3 All storage areas loaded with overturning load (6.4.3)
- B.6 Doors, extension elements and flaps closed and locked, all storage units loaded (6.5)
- B.7 Dynamic stability tests for units with castors (6.6)
- B.8 Strength test for wall attachment (6.7)

Page count: 19