## ISO 7171:2019 (E)

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

## **Contents**

|       |  | Forewo                                | rd  |  |
|-------|--|---------------------------------------|---|--|
| 1     | Scope  |                                       |   |  |
| 2     |  | Normative references                  |   |  |
| 3     |  | Terms and definitions                 |   |  |
| 4     |  | General test conditions               |   |  |
|       | 4.1<br>4.2<br>4.3<br>4.4<br>4.5  | <i>A</i><br>T<br>F                    | Preliminary preparations Application of forces Folerances Prevention of movement during test Loading  |  |
| 5     |  | Test eq                               | Test equipment and apparatus  |  |
| 6     |  | Stability tests                       |   |  |
|       | 6.1<br>6.2<br>6.2.1<br>6.2.2<br>6.3<br>6.4<br>6.4.1<br>6.4.2<br>6.4.3<br>6.5<br>6.6<br>6.7 |                                       | General Doors, extension elements and flaps closed, all storage units unloaded Units that are or can be adjusted to a height of 1 000 mm or less Units that are or can be adjusted to a height of more than 1 000 mm Dpening doors, extension elements and flaps, all storage units unloaded Doors, extension elements and flaps opened and unlocked All storage areas unloaded and all doors, extension elements and flaps open All storage areas unloaded with overturning load All storage areas loaded with overturning load Doors, extension elements and flaps closed and locked, all storage units loaded Dynamic stability test for units with castors Strength test for wall attachments   |  |
| 7     |  | Test report                           |   |  |
| Annex | A.1<br>A.2   | F                                     | ative) Loads and forces for storage furniture stability tests<br>Principle<br>Requirements  |  |
| Annex | B.1<br>B.2<br>B.3<br>B.3.1<br>B.3.2<br>B.4<br>B.5<br>B.5.3<br>B.5.3<br>B.6<br>B.7<br>B.8   | F F F F F F F F F F F F F F F F F F F | Purpose Rationale for selected tests Doors, extension elements and flaps closed, all storage units unloaded Units that are or can be adjusted to a height of 1 000 mm or less (6.2.1) Units that are or can be adjusted to a height of more than 1 000 mm (6.2.2) Dening doors, extension elements and flaps, all storage units unloaded (6.3) Doors, extension elements and flaps opened and unlocked All storage areas unloaded and all doors, extension elements and flaps open (6.4.1) All storage areas unloaded with overturning load (6.4.2) All storage areas loaded with overturning load (6.4.3) Doors, extension elements and flaps closed and locked, all storage units loaded (6.5) Dynamic stability tests for units with castors (6.6) Strength test for wall attachment (6.7) |  |

Page count: 19