

DIN EN 14749:2022-07 (E)

Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods (includes Amendment:2022)

Contents		Page
European foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Test procedure and tolerances	9
4.1	General	9
4.2	Sequence of testing	9
4.3	Tolerances	9
5	Safety requirements	9
5.1	Principles of safety requirements	9
5.1.1	General	9
5.1.2	Determination of centre of gravity	10
5.1.3	Determination of total mass	10
5.2	General safety requirements	10
5.2.1	General	10
5.2.2	Units moving vertically	11
5.2.3	Lids	11
5.2.4	Vertically moving roll fronts and vertically moving sliding doors	11
5.2.5	Extension elements	11
5.3	Structural safety requirements	11
5.3.1	General	11
5.3.2	Shelves	11
5.3.3	Shelf supports	12
5.3.4	Storage area/-volume for heavy appliances	12
5.3.5	Pivoted doors	12
5.3.6	Sliding doors and horizontal roll fronts	12
5.3.7	Extension elements	12
5.3.8	Bottom hinged flaps	14
5.3.9	Top hinged flaps	14
5.3.10	Kitchen-worktops and other top surfaces	14
5.3.11	Wall hanging units and top hanging units	15
5.4	Stability	16
5.4.1	General	16
5.4.2	Kitchen floor units with kitchen-worktops	17
5.4.3	Additional stability requirements for TV-furniture	17
5.5	Floor standing units intended to be attached to the building	20
5.6	Vertical glass components	20
6	Product information	21
7	Test report	21
Annex A (normative)	Additional test methods	22

A.1	Vertical downwards static load of top hinged flaps	22
A.2	Test methods for the determination of the stability of TV-furniture	22
A.2.1	Test Equipment	22
A.2.2	Stability test methods for TV-furniture	23
A.3	Sideways detachment test	25
Annex B (informative) Guide to testing of units and components		27
Annex C (informative) Example of loading of wall hanging units and top hanging units (see 5.3.11.3 overload)		32
Annex D (informative) Method for calculation of vertical and horizontal acting forces		33
Bibliography		37