

# COMPARISON TABLE OF TESTS ON TABLES

ALL TYPES OF TABLES		DOMESTIC USE TABLES			NON DOMESTIC USE TABLES			OUTDOOR USE TABLES			OFFICE USE TABLES	TABLES FOR EDUCATIONAL INSTITUTIONS	
METHOD EN 1730		Requirements EN 12521			Requirements EN 12532			Requirements EN 581			Requirements EN 527	Requirements EN 1729	
		Delicate table Surface $\leq 0,3 \text{ m}^2$	Tables with height $\leq 600 \text{ mm}$ or surface $\leq 0,3 \text{ m}^2$	All other tables	Level 1	Level 2	Level 3	Camping	Domestic	Contract		Size marks from 0 to 3	Size marks from 4 to 7
	Horizontal static load EN 1730 6.2	Horizontal force: 150 N Load on top: Declared or 25 kg Number of cycles: 10	Horizontal force: 200 N Load on top: 50 kg Number of cycles: 10	Horizontal force: 400 N Load on top: 50 kg Number of cycles: 10	Horizontal force: Tables type 1: 400 N Tables type 2: 200 N Load on top: Declared or 50 kg Number of cycles: 10	Horizontal force: Tables type 1: 400 N Tables type 2: 200 N Load on top: Declared or 50 kg Number of cycles: 10	Horizontal force: Tables type 1: 600 N Tables type 2: 300 N Load on top: Declared or 50 kg Number of cycles: 10	/	/	/	Horizontal force: 450 N Load on top: 50 kg Number of cycles: 10	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 10	Horizontal force: 400 N Load on top: 50 kg Number of cycles: 10
	Vertical static load EN 1730 6.3	Vertical load: Declared or 25 kg Number of cycles: 10	Vertical load: 100 kg (25 kg for tables higher than 600 mm) Number of cycles: 10	Vertical load: 100 kg Number of cycles: 10	Vertical load: 100 kg Number of cycles: 10	Vertical load: 125 kg Number of cycles: 10	Vertical load: 125 kg Number of cycles: 10	Vertical load: 30 kg Number of cycles: 10	Vertical load: 75 kg Number of cycles: 10	Vertical load: 100 kg Number of cycles: 10	Vertical load: 100 kg Number of cycles: 10	Vertical load: L $\leq 1000 \text{ mm}$ : 1000 N L $\geq 1000 \text{ mm}$ : 2x1000N Number of cycles: 10	Vertical load: L $\leq 1000 \text{ mm}$ : 1000 N L $\geq 1000 \text{ mm}$ : 2x1000N Number of cycles: 10
	Vertical static load auxiliary surface EN 1730 6.3.3	/	/	Vertical load: 20 kg Number of cycles: 10	Vertical load: 20 kg Number of cycles: 10	Vertical load: 30 kg Number of cycles: 10	Vertical load: 30 kg Number of cycles: 10	Vertical load: 10 kg Number of cycles: 10	Vertical load: 20 kg Number of cycles: 10	Vertical load: 30 kg Number of cycles: 10	/	/	/
	Horizontal durability EN 1730 6.4.2	/	Horizontal force: 150 N Load on top: 50 kg Number of cycles: 5.000	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 10.000	Horizontal force: 300 N Load on top: Declared or 50 kg Number of cycles: 10.000	Horizontal force: 300 N Load on top: Declared or 50 kg Number of cycles: 15.000	Horizontal force: 300 N Load on top: Declared or 50 kg Number of cycles: 20.000	Horizontal force: 100 N Load on top: 50 kg Number of cycles: 5.000	Horizontal force: 150 N Load on top: 50 kg Number of cycles: 10.000	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 20.000	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 10.000	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 10.000	Horizontal force: 300 N Load on top: 50 kg Number of cycles: 10.000
	Stiffness of the structure EN 1730 6.4.3	/	/	/	/	/	/	/	/	/	Horizontal force: 200 N Load on top: 20 kg Max Deformation < 17 mm/m	/	/
	Vertical durability EN 1730 6.5	/	Only for cantilever tables Vertical load: 30 kg Number of cycles: 2.000	Only for cantilever tables Vertical load: 30 kg Number of cycles: 10.000	Only for cantilever tables Vertical load: 30 kg Number of cycles: 10.000	Only for cantilever tables Vertical load: 30 kg Number of cycles: 15.000	Only for cantilever tables Vertical load: 30 kg Number of cycles: 20.000	/	/	/	Vertical load: 40 kg Number of cycles: 10.000	Only for cantilever tables Vertical load: 40 kg Number of cycles: 10.000	Only for cantilever tables Vertical load: 60 kg Number of cycles: 10.000
	Vertical impact EN 1730 6.6	Drop heights: Tables without glass: / Tables with safety glass: / All other glass type: 180 mm Number of cycles: 10	Drop heights: Tables without glass: 140 mm Tables with safety glass: 140 mm All other glass type: 180 mm Number of cycles: 10	Drop heights: Tables without glass: 180 mm Tables with safety glass: 180 mm All other glass type: 240 mm Number of cycles: 10	Drop heights: Tables without glass: 140 mm Tables with safety glass: 140 mm All other glass type: 180 mm Number of cycles: 10	Drop heights: Tables without glass: 180 mm Tables with safety glass: 180 mm All other glass type: 240 mm Number of cycles: 10	Drop heights: Tables without glass: 180 mm Tables with safety glass: 180 mm All other glass type: 240 mm Number of cycles: 10	/	/	/	Drop heights: 140 mm Number of cycles: 10	/	/
	Deflection of table tops EN 1730 6.7	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: 1/250 of span for wood based panels 1/150 of span for timber panels 1/100 of span for other materials	/	/	/	[Not normative] Load on top surface: 1,5 kg/dm <sup>2</sup> Maximum deflection allowed: /	/	/
	Durability of tables with castors EN 1730 6.8	/	Vertical load: 20 kg Number of cycles: 1.000	Vertical load: 20 kg Number of cycles: 1.000	[Not normative] Load on top: 20 kg Number of cycles: 2.000	[Not normative] Load on top: 20 kg Number of cycles: 2.000	[Not normative] Load on top: 20 kg Number of cycles: 2.000	/	/	/	Load on top: 50 kg Number of cycles: 2.000	/	/
	Drop EN 1730 6.9	/	/	/	Only for tables weighing more than > 20 kg Nominal drop height: Tables without glass: 100 mm Tables with glass: 50 mm Number of cycles: 6	Only for tables weighing more than > 20 kg Nominal drop height: Tables without glass: 100 mm Tables with glass: 50 mm Number of cycles: 6	Only for tables weighing more than > 20 kg Nominal drop height: Tables without glass: 100 mm Tables with glass: 50 mm Number of cycles: 6	/	/	/	Nominal drop height: 100 mm Number of cycles: 6	/	/
	Stability under vertical load EN 1730 7.2	[Applicable only if the table is high more than 600 mm and weighing more than 10 kg] Vertical force to be calculated: V1=200 N - V2=200 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force to be calculated: V1=200 N - V2=400 N	Vertical force: 750 N	Vertical force: 600 N Impact stability: Angle of hammer: 20 degrees	Vertical force: 600 N Impact stability: Angle of hammer: 20 degrees
	Stability for tables with extension elements EN 1730 7.3	/	/	Vertical force: 200 N Load on drawers: 0,2 kg/dm <sup>3</sup>	Vertical force: 200 N Load on drawers: 0,5 kg/dm <sup>3</sup>	Vertical force: 200 N Load on drawers: 0,5 kg/dm <sup>3</sup>	Vertical force: 200 N Load on drawers: 0,5 kg/dm <sup>3</sup>	Vertical force: V1=200 N - V2=200 N Load on drawers: 0,2 kg/dm <sup>3</sup>	Vertical force: V1=200 N - V2=400 N Load on drawers: 0,2 kg/dm <sup>3</sup>	Vertical force: V1=200 N - V2=400 N Load on drawers: 0,5 kg/dm <sup>3</sup>	Vertical force: 400 N	/	/
	Stability for tables designed to support a person EN 1730 7.4	/	/	/	/	/	/	Horizontal force: 30 N	Horizontal force: 30 N	Horizontal force: 30 N	/	/	/
	Durability of height adjustment mechanisms EN 1730 8.2	Vertical load: / Number of cycles: 1.000	Vertical load: Declared or 25 kg Number of cycles: 5.000	Vertical load: Declared or 50 kg Number of cycles: 5.000	Vertical load: Declared or 25 kg Number of cycles: 5.000	Vertical load: Declared or 50 kg Number of cycles: 5.000	Vertical load: Declared or 50 kg Number of cycles: 5.000	/	/	/	Vertical load: Declared or 50 kg Number of cycles: 5.000	Vertical load: Declared or 50 kg Number of cycles: 5.000	Vertical load: Declared or 50 kg Number of cycles: 5.000