

## Tabilo Strata Chair Testing

European Standard UNI EN581-2:2009			TESTED FOR CONTRACT USE
Seat and back static load test	Applied force on seat	Applied force on back	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	2000N (203KG)	560N (57KG)	
Seat front edge static load test	Applied force	No. of cycles	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	1300N (132KG)	10x10sec. 1x30min	
Seat and back fatigue test - 50,000 cycles	Applied force on seat	Bending moment on the back	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	1000N (102KG)	100Nm (10.2Km)	
Leg forward static load test	Load on seat	Horizontal force	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	100KG	400N (40KG)	
Leg sideways static load test	Load on seat	Horizontal force	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	100KG	300N (30.6KG)	
Seat impact test	Drop Height	Number of cycles	At the end of the test, sample meets the requirements to par. 6.2.3 of standard UNI EN 581-2:2009
	180mm	10	
Forward stability	Vertical force	Applied horizontal force outward	At the end of the test, sample meets the requirements to par. 6.2.2 of standard UNI EN 581-2:2009
	600N (61.2KG)	20N (2KG)	
Rearward stability	Vertical force	Applied force horizontally	At the end of the test, sample meets the requirements to par. 6.2.2 of standard UNI EN 581-2:2009
	600N (61.2KG)	165N (16.8KG)	
Sideways stability	Vertical force	Applied horizontal force outward	At the end of the test, sample meets the requirements to par. 6.2.2 of standard UNI EN 581-2:2009
	600N (61.2KG)	20N (2KG)	
<b>The following note was made for each test:</b> At the end of the test there are no fractures of any joint, member or component, there is no loosening of joints intended to be rigid and the seating fulfills its function after removal of the test loads.			