

Product	Kilta conference chair 224A
Task	Determination of strength and durability of a conference chair.
Materials	Materials as presented in Martela's product program 2012.
Test method	EN 13761 Office furniture – Visitors chairs, was applied.
Procedure	Testing was carried out in accordance with the table 1.
Results	The chair passed the tests without any defects.



Assessment of the results

Kilta conference chair 224 meets the strength and durability requirements presented in the attached table.

Nummela, October 19, 2012



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Ref. Test report No. 261/04

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Table 1. Tests applied.

Test, reference	Test parameters	
Visitors chairs EN 13761	Cycles applied	Load, N, applied
EN 1728 6.2.1 Seat and back static load test	10	Seat: 1600 N Back: 560 N (max.)
EN 1728 6.2.2 Seat front edge static load	10	Seat: 1300 N
EN 1728 6.5 Arm sideways static load test	10	400 N
EN 1728 6.6 Arm downwards static load test	10	700 N
EN 1728 6.7 Seat and back fatigue test	100000	Seat: 1000 N Back: 300 N
EN 1728 6.8 Seat front edge fatigue test	50000, to both application points	1000 N
EN 1728 6.10 Arm fatigue test	30000	400 N
EN 1728 6.12 Leg forward static load test	10	Max. 500 N Balancing load 100 kg on the seat
EN 1728 6.13 leg sideways static load test	10	Max. 400 N Balancing load 100 kg On the seat
EN 1728 6.15 Seat impact test	10	180 mm
EN 1022 7.1 Forwards overbalancing	1	600 N Vertically, 20 N Horizontally
EN 1022 7.2 Sideways overbalancing	1	600 N Vertically 20 N Horizontally
EN 1022 7.3 Sideways overbalancing	1	250 N Vertically 350 N on the arm 20 N Horizontally
EN 1022 7.4 Rearwards overbalancing all seating with back	1	

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