



Test report: Assessment Voortman cabinet TABS Credenza for the requirements regarding safety and durability according to NEN-EN 14073-2:2004 and NEN-EN 14074:2004

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Appendices: 2

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1. Introduction

1.1 Assignment Examine for compatibility with relevant requirements on stability, strength and durability according to the latest version of Dutch and European standards.

1.2 Date assignment 03-09-2020.

2. Materials en methods

2.1 Tested product *Description:* Office, two door and three drawers cabinet (see photos Appendix 1).

Specifications:

Layout:	A door at each side and three drawers in the middle
Body:	White metal
Top surface:	Oak decor HPL covered board
Doors:	2 doors and 3 drawers.
Lock:	None
Colour interior	White

Producer's code: TABS Credenza

SHR code: 200465-2 cabinet
200465-2.1 final version of the shelves support

2.2 Producer Voortman Kantoormeubelen

2.3 Tests performed Examination according to relevant requirements on mechanical safety of:

NEN-EN 14073-2:2004	strength, durability, stability
NEN-EN 14073-3:2004	strength, durability
NEN-EN 14074:2004	strength, durability

2.4 Test period Laboratory tests performed at SHR from 18-01-2021 till 22-02-2021.

3. Results

The examined sample COMPLIES with all requirements (results of each individual test are shown in Appendix 2).

Literature

Dutch and European standard NEN-EN 14073-2:2004 Office furniture - Storage furniture – Part 2: Safety requirements. NEN. Delft. 9 pp.

Dutch and European standard NEN-EN 14073-3:2004 Office furniture - Storage furniture – Part 3: Test methods for the determination of stability and strength of the structure. NEN. Delft. 13 pp.

Dutch and European standard NEN-EN 14074:2004 Office furniture - Tables and desks and storage furniture - Test methods for the determination of strength and durability of moving parts. NEN. Delft. 20 pp.

Appendix 1 Photos of the tested product**Photo 1:** Tested product 200465-2 front view closed**Photo 2:** Tested product 200465-2 front view opened**Photo 3:** Tested product 200465-2 back view**Photo 4:** Tested product 200465-2 side view



Photo 5: Tested product 200465-2 bottom view



Photo 6: Tested product 200465-2 detail door hinge



Photo 7: Tested product 200465-2 door push open mechanism

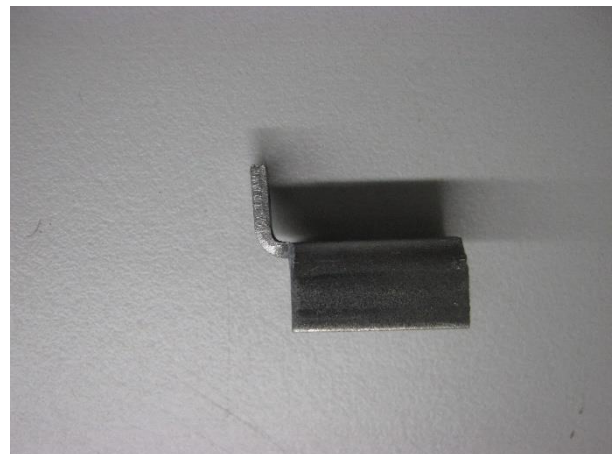


Photo 8: Tested product 200465-2.1 final version of the shelves support



Photo 9: Tested product 200465-2.1 final version of the shelves support in the cabinet



Photo 10: Tested product 200465-2 detail leg

Appendix 2 Results – Voortman TABS Credenza

Table 1: NEN-EN 14073-2:2004.

3.2	Centre of gravity	373 mm	
3.3	Total mass	335 kg	including content

Table 2: NEN-EN 14073-2:2004 (safety requirements), NEN-EN 14073-3:2004 (test methods).

Par/art	Test	Demand	Ok	Not Ok	N/a.	Rem.
3.4	<i>General safety requirements</i>					
	- Accessible edges	free from burrs and rounded or chamfered	✓			
	- safety distances	≤ 8 mm or ≥ 25 mm	✓			
	- Adjustable parts	prevent inadvertent operation or release	✓			
	- vertically sliding roll fronts	shall not close by themselves			X	
	- Extension elements stops	Effective at F = 200 N	✓			
5.2	Strength EN 14073-3)	no fracture, other damage or change of function that affects the safety	✓			
3.5	<i>Floor standing units</i>					
	1. Pull out of shelves	no fracture, other damage or change of function that affects the safety	✓			
	2. Strength of shelf supports		✓			1)
	3. Strength of top surfaces		✓			
	4. Strength of extension elements		✓			
	5. Slam open of extension elements		✓			
	6. Interlock test		✓			
	7. Vertical load on pivoted door		✓			
	8. Slam shut/open of sliding doors and horizontal roll fronts					X
	9. Strength of flaps					X
	10. Floor standing units attached to the building					X
	11. Stability			✓		
3.6	<i>screen and wall hanging units</i>					
	1. Dislodgement of screen and wall mounted unit.	no fracture, other damage or change of function that affects the safety.				X
	2. Pull out of shelves					X
	3. Strength of shelf supports					X
	4. Strength of top surfaces					X
	5. Strength of extension elements					X
	6. Slam open of extension elements					X

Par/art	Test	Demand	Ok	Not Ok	N/a.	Rem.
	7. Interlock test				X	
	8. Vertical load on pivoted door				X	
	9. Slam shut/open of sliding doors and horizontal roll fronts				X	
	10. Strength of flaps				X	
	11. Strength of screen and wall attachment devices				X	

Remark:

- 1) Tested with 200465-2.1

Table 3: NEN-EN 14074 (durability of moving parts).

Par/art	test	demand	Ok	Not Ok	N/a	Rem.
6.3.2	Horizontal static force on open door	no fracture, other damage or change of function that affects the safety	✓			
6.2.2.	Durability test of extension elements		✓			
6.3.3	Durability test on hinged and pivoted doors		✓			
6.4.1	Durability test of sliding and horizontal roll fronts					X
6.5.1	Durability of vertical roll front					X
6.6.2	Durability of flaps					X
6.7	Rolling test for mobile filing pedestals					X