

**Test report - Office furniture, Storage furniture**

Client <b>Torco AS</b> <b>Hagaløkkeveien 13,</b> <b>1383 ASKER</b> <b>Norge</b>		Product <b>Torco 6000</b> Product specification - tested object	
Client's reference Halvor Roede		R-no. <b>R14093</b>	
Date 01.12.2010	Date of receipt, tested object 07.10.2010	Test completed date 22.10.2010	Rev. no. / Rev. date 0/



		To be tested	Result
Ref.	<b>Safety requirements according to NS-EN 14073-2</b>		
<b>3.4</b>	<b>General safety requirements</b>		
	Accessible edges and corners shall be free from burrs and rounded or chamfered. There shall be no open ended tubes	x	Passed
	Adjustable parts shall be such as to prevent inadvertent operation or release.	x	Passed
	All moveable parts accessible during normal use shall have safety distances in any position during movement of <- 8mm >- 25 mm. This applies to any two elements moving relatively to each other, with the exception of doors (incl. hinges), flaps (incl. hinges) and extension elements (incl. runners). The safety distances also apply to the distance between handles and other parts.	x	Passed
	If there is a risk of injury, vertically sliding roll fronts shall not close by themselves from any position higher than 200mm measured from the closed position.		
	Extension elements shall have effective open stops, i.e. they shall resist being pulled out of the carcass once by a horizontal force of 200 N applied to the handle of the loaded extension element.	x	Passed
	<b>Stability and strength of the structure NS-EN 14073-3</b>		
<b>5.1</b>	<b>Determination of loading on storage parts</b>		
	<b>Stability of the structure</b>		
<b>5.5.1</b>	Stability of the unloaded unit	x	Passed
<b>5.5.2</b>	Stability of the loaded unit	x	Passed

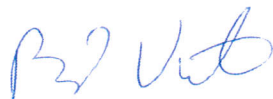
## Test report - Office furniture, Storage furniture

		To be tested	Result
	<b>Strength of the unit</b>		
5.2	Horizontal static force A-B	x	Passed
5.2	Horizontal static force C-D	x	Passed
5.3	<b>Shelves</b>		
5.3.1	Pull out of shelves	x	Passed
5.3.2	Strength of shelf supports	x	Passed
5.4	<b>Strength of top surfaces</b>		
	This test shall be applied to top surface which are <-1000 mm above the floor surface.		
5.6	<b>Screen and wall hanging units</b>		
5.6.2	Dislodgment of screen and wall hanging cabinets and shelves. The unloaded unit shall be subjected to a dislodgment test by applying of 100 N upwards to the least favourable point on the front edge.		
5.6.3	Tests on moving parts, shelf supports and top surfaces		
5.6.4	Strength of screen and wall attachment devices		
	<b>Strength and durability ISO 7170</b>		
	<b>Shelves</b>		
6.1.3	Static longterm testing	x	Passed
6.3.2	<b>Glass shelves</b>		
	Static longterm testing		
7.2.1	<b>Clothing rails</b>		
	Static testing		
	<b>Strength and durability according to NS-EN 14074</b>		
6.2	<b>Extension elements</b>		
6.2.1	Strength of of extension elements		
6.2.2	Durability test of extension elements		
6.2.3	Slam open of extension elemets		
6.2.4	Interlock test 10 x 200N		
6.3	<b>Hinged or pivoted doors</b>		
6.3.1	Vertical load on doors		
6.3.2	Horizontal static force on open door		
6.3.3	Durability test on hinged and pivoted doors 50.000 cycles		

	Page : 3 of 3
	Revision nr. : 0
	Approved by : OAJ
<b>Test report - Office furniture, Storage furniture</b>	

		To be tested	Result
Ref.			
<b>6.4</b>	<b>Sliding doors and horizontal roll fronts</b>		
6.4.1	Durability test of sliding doors and horizontal roll fronts		
6.4.2	Slam shut/open of sliding doors and horizontal roll fronts		
<b>6.5</b>	<b>Vertical roll fronts</b>		
6.5.1	Durability of vertical roll front		
<b>6.6</b>	<b>Flaps</b>		
6.6.1	Strength of flaps		
6.6.2	Durability of flaps		
<b>6.7</b>	<b>Rolling test for mobile filing pedestals</b>		
	Rolling 1000 mm		

<b>Deviation from the test standards:</b>	
<b>Comments:</b>	
<b>Summary</b>	
The product is not approved according to the existing standards and requirements.	The product is approved according to the requirements for domestic furniture.
	X



Bård Vestre  
Manager



**Prøverapport - Oppbevaring offentlig**

Oppdragsgiver <b>Torco AS</b> Hagaløkkeveien 13, 1383 ASKER		Produkt <b>Torco 6000</b>	
Oppdragsgivers referanse Halvor Roede		Produktbeskrivelse - testet produkt <b>Måling av svikt i hyller</b>	
Dato 27.10.2010		Dato mottatt prøveobjekt 07.10.2010	R-nr. <b>R14093</b>
		Test fullført dato 22.10.2010	Revisjon nr./Revidert dato 0/

**MÅLING AV SVIKT I HYLLER**

Hylle A. Toppfylle  
Hylle B. Hylle med oppkant  
Hylle C. Hylle med oppkant  
Hylle D. Hylle med oppkant  
Hylle E. Hylle med oppkant  
Hylle F. Hylle med oppkant  
Hylle B-F er identiske hyller. Hyller belastet i rekkefølge A - F. A er topp.

**Registrert svikt midt på hyllen (sentrisk)**

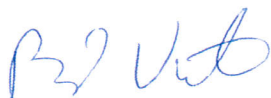
	Nedbøy før belastning	Nedbøy etter belastning	Nedbøy etter 7 døgn	Nedbøy i %
A	-0,40	-7,70	-7,80	0,80
B	-0,65	-6,40	-6,50	0,63
C	-1,00	-6,70	-6,70	0,62
D	-0,30	-6,00	-6,20	0,64
E	-1,25	-6,90	-7,00	0,62
F	-1,25	-6,90	-7,00	0,62

**Registrert svikt midt på hyllen (forkant)**

A	0	2,00	2,10	0,23
B	0	1,70	1,80	0,20
C	0	1,75	1,85	0,20
D	0	1,70	1,90	0,21
E	0	1,65	1,90	0,21
F	0	1,70	1,90	0,21

Avvik fra prøvestandardene:

Kommentarer:



Bård Vestre  
laboratorielede