

<b>Prüfbericht-Nr.:</b> <i>Test Report No.:</i>	<b>174026315/GZF/01-01_rev.01</b>	<b>Auftrags-Nr.:</b> <i>Order No.:</i>	174026315	Seite 1 von 5 Page 1 of 5
<b>Kunden-Referenz-Nr.:</b> <i>Client Reference No.:</i>	N/A	<b>Auftragsdatum:</b> <i>Order date:</i>	11.09.2014	
<b>Auftraggeber:</b> <i>Client:</i>				
<b>Prüfgegenstand:</b> <i>Test item:</i>	Door with hinges			
<b>Bezeichnung / Typ-Nr.:</b> <i>Identification / Type No.:</i>	Furniture soft close hinge \ Q2093			
<b>Auftrags-Inhalt:</b> <i>Order content:</i>	Test requirements per client's request for Mechanical character			
<b>Prüfgrundlage:</b> <i>Test specification:</i>	Reference to ANSI/BIFMA X5.5-2008 Desk/Table Products – Tests Clause 17.2 \ 17.3 \ 17.6 \ 17.10 & 19			
<b>Wareneingangsdatum:</b> <i>Date of receipt:</i>	15.09.2014	 		
<b>Prüfmuster-Nr.:</b> <i>Test sample No.:</i>	A000108521-001~002			
<b>Prüfzeitraum:</b> <i>Testing period:</i>	15.09.2014 – 21.09.2014			
<b>Ort der Prüfung:</b> <i>Place of testing:</i>				
<b>Prüflaboratorium:</b> <i>Testing laboratory:</i>				
<b>Prüfergebnis*:</b> <i>Test result*:</i>	Pass			
<b>geprüft von / tested by:</b>	<b>kontrolliert von / reviewed by:</b>			
18.11.2014	Dash Li / TE	18.11.2014	Waley Huang / TC	
<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name / Stellung</b> <i>Name / Position</i>
				
<b>Sonstiges / Other:</b>	The submitted samples were verified as door components base on definition described in standard, and not as a complete desk/table product that covered by the standard. Per client's updated information, this report supersedes the previous report numbered 174026315/GZF/01-01, dated on Sep.23,2014.			
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

V04



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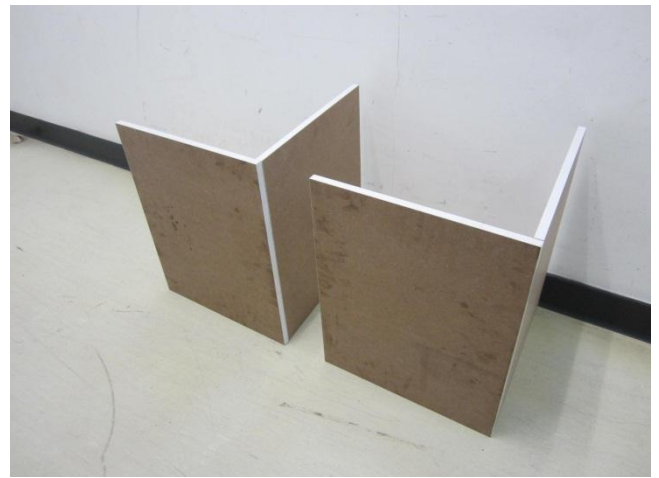
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**Produktbeschreibung**  
**Product description**

<b>1</b>	<b>Produktdetails</b> <i>Product details</i>	See page 4.
<b>2</b>	<b>Maße / Gewicht</b> <i>Dimensions / Weight</i>	See page 4.
<b>3</b>	<b>Bedienelemente</b> <i>Operating elements</i>	1 active door panel and 2 vertical hinges per assembly
<b>4</b>	<b>Ausstattung / Zubehör</b> <i>Equipment / Accessories</i>	N/A
<b>5</b>	<b>Verwendete Materialien</b> <i>Used materials</i>	Metal & Particleboard
<b>6</b>	<b>Sonstiges</b> <i>Other</i>	N/A

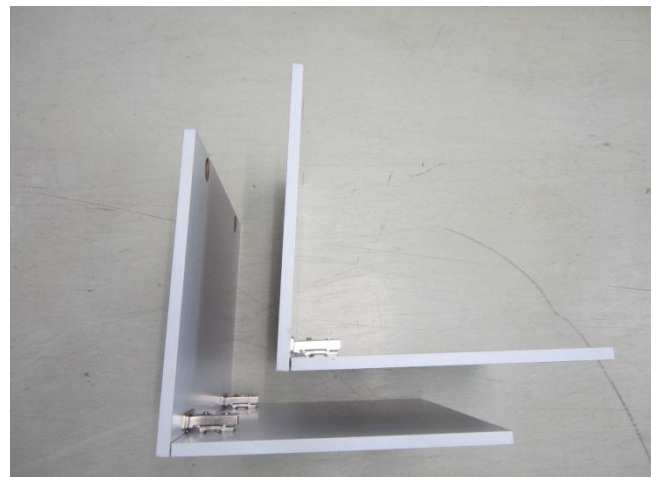
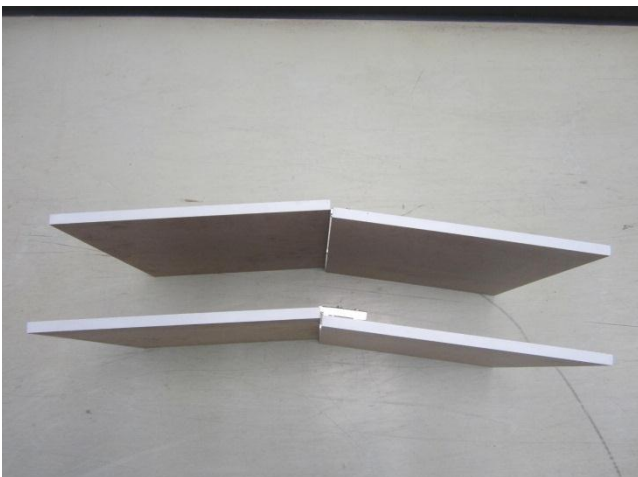
Pic. 1: 45° view (1)

Pic. 2: 45° view (2)



Pic. 3: Top view (Hinge extended)

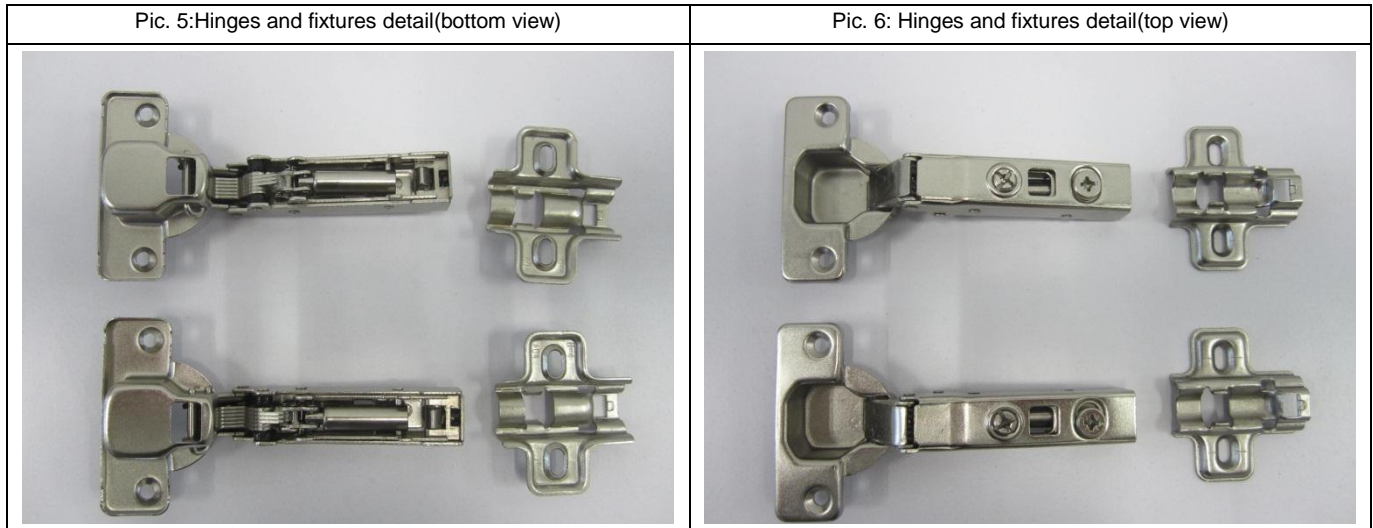
Pic. 4: Top view (Hinge compressed)



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Absatz	<b>Reference to ANSI/BIFMA X5.5-2008</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation



**Performance Character:**

Clause	Requirements – Tests	Measuring results – Remark	Evaluation
<b>ANSI/BIFMA X5.5-2008 Desk/Table Products – Tests</b>			
17.2	Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding Doors		Pass
17.3	Hinge Override Test for Vertically Hinged Doors		Pass
17.6	Wear and Fatigue Test for Hinged, Horizontally Sliding, and Tambour Doors	Refer to Note 1	Pass
17.10	Slam Closed Test for Vertically Hinged and Vertically Receding Doors	Refer to Note 1	Pass
<b>19</b>	<b>Pull Force Test</b>	Refer to Note 2	Pass

**Dimensions:**

**Sample 1:**

**Active Door panel:**

Height: 500 mm  
Width: 400 mm  
Thickness: 15 mm  
Weight: 2.06 kg

**Hinge:**

Length: 78~113 mm  
Width: 62 mm  
Weight(1 piece): 0.10 kg  
Classification: Vertical Hinge door

**Sample 2:**

**Active Door panel:**

Height: 500 mm  
Width: 400 mm  
Depth: 15 mm  
Weight: 2.06 kg

**Hinge:**

Length: 77~113 mm  
Width: 62 mm  
Weight(1 piece): 0.10 kg  
Classification: Vertical Hinge door

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Absatz	Reference to ANSI/BIFMA X5.5-2008	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

**Note:**

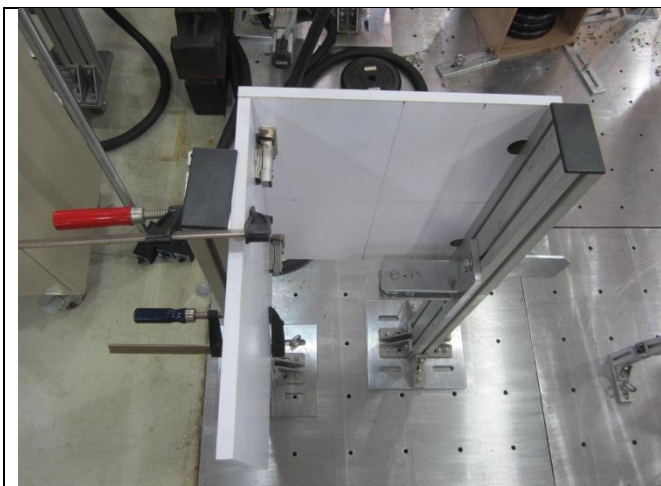
- #1. As only the hinged doors were provided and reasonable setup applied to simulate formal use, side board with stationary hinge part of the sample was vertically fixed by appropriate means and the swinging range of active door panel was limited by appropriate obstruction that make the active door perpendicular to the side board as full closed position.
- #2. As no pull handle was provided on the door panel or edge, this section was verified with equivalent door pull (point) that located at 50 percent of door height and 50mm from the door edge farthest from the hinge.
- #3. Per client's requests, only requirements below were applied for verification on submitted samples,  
Mechanical tests:
- Clause 17.2 - Strength Test for Vertically Hinged Doors, Bi-fold Doors and Vertically Receding Doors;
  - Clause 17.3 - Hinge Override Test for Vertically Hinged Doors;
  - Clause 17.6 - Wear and Fatigue Test for Hinged, Horizontally Sliding, and Tambour Doors;
  - Clause 17.10 - Slam Closed Test for Vertically Hinged and Vertically Receding Doors;
  - Clause 19 - Pull Force Test.
- #4. Per client's confirmation, the test configurations and sequence on the submitted samples were conducted and listed as below,

Door / test order	1	2	3	4
Door 1	Clause 19	Clause 17.2	Clause 17.3	Clause 17.10
Door 2	Clause 17.6	-	-	-

**Remark:**

Clause(s) with the symbol " / " in the result refers to the result(s) of its sub-clause(s).

**Pictures of remarks:**



Pic. 7: Simulation test assembly for vertical hinge



Pic. 8: Simulation test assembly for vertical hinge

\*\*\* End of test report \*\*\*