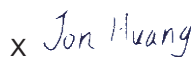


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Kunden-Referenz-Nr.: <i>Client reference no.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	2024.11.04	
Auftraggeber: <i>Client:</i>	Fuzhou Super Wood Co.,Ltd RM1330-1331,1 BLDG,Sansheng Binjiang International, South Riverside West Avenue,Cangshan,Fuzhou city,Fujian			
Prüfgegenstand: <i>Test item:</i>	Cabinet storage rack			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	002			
Auftrags-Inhalt: <i>Order content:</i>	Mechanical safety test according to client's requirement			
Prüfgrundlage: <i>Test specification:</i>	EN 14749:2016+A1:2022			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024.11.04			
Prüfmuster-Nr.: <i>Test sample no.:</i>	A003851238-001			
Prüfzeitraum: <i>Testing period:</i>	2024.11.04 - 2024.11.13			
Ort der Prüfung: <i>Place of testing:</i>	Unit A01-02,No.11 Nanyun 5 Rd,GuangZhou,China			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von: <i>tested by:</i>	genehmigt von: <i>authorized by:</i>			
Datum: <i>Date:</i> 2024.11.14				
Signed by: Jon Huang		Signed by: Kingsley He		
Stellung / Position:	Tester	Stellung / Position:	Authorizer	
Sonstiges / <i>Other:</i>	Manufacturer: Fuzhou Super Wood Co.,Ltd.			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet				
* Legend: P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
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. <i>This test report only relates to the above mentioned 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>				

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Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

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Produktbeschreibung
Product description

1	Produktdetails Product details	Cabinet storage rack
2	Maße / Gewicht Dimensions / Weight	H x W x D: 435 x 300 x 390~590 mm Weight: 1.8 kg
3	Bedienelemente Operating elements	N/A.
4	Ausstattung / Zubehör Equipment / Accessories	N/A.
5	Verwendete Materialien Used materials	Metal/ Wood
6	Sonstiges Other	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
7	Prüfmusterbereitstellung: Test sample obtaining	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ others:

Pic1: Front view



Pic2: Front view



Pic3: Side view



Pic4: Back view



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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen/ Measuring results - Remarks	Ergebnis Result
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EN 14749:2016+A1:2022

Furniture - Domestic and kitchen storage units and kitchen-worktops - Safety requirements and test methods

1	Scope																
2	Normative references																
3	Terms and definitions																
4	Test procedure and tolerances																
5	Safety requirements																
5.1	Principles of safety requirements		P														
5.1.1	General		/														
5.1.2	Determination of centre of gravity	Refer to the section of Dimensions, CG	/														
5.1.3	Determination of total mass Table 1 — Loads	Refer to the section of Dimensions, M	/														
	<table><tr><th>Component</th><th>Load</th></tr><tr><td>All horizontal storage areas, including shelves, bottoms, tops and bottom hinged flaps</td><td>0,65 kg/dm²</td></tr><tr><td>Extension elements and fixed baskets</td><td>0,2 kg/dm³</td></tr><tr><td>Clothes rails</td><td>4,0 kg/dm</td></tr><tr><td>Suspended filing pockets</td><td>2,5 kg/dm^a</td></tr><tr><td>Storage area/-volume (3.10) for heavy appliances (e.g. refrigerator, washing machine)^b</td><td>0,5 kg/dm^{3 c}</td></tr><tr><td colspan="2">^a Measured perpendicular to the plane of the filing pockets. ^b Other heavy objects, e.g. aquariums are not covered by this value. ^c Max. load 200 kg per unit.</td></tr></table>			Component	Load	All horizontal storage areas, including shelves, bottoms, tops and bottom hinged flaps	0,65 kg/dm ²	Extension elements and fixed baskets	0,2 kg/dm ³	Clothes rails	4,0 kg/dm	Suspended filing pockets	2,5 kg/dm ^a	Storage area/-volume (3.10) for heavy appliances (e.g. refrigerator, washing machine) ^b	0,5 kg/dm ^{3 c}	^a Measured perpendicular to the plane of the filing pockets. ^b Other heavy objects, e.g. aquariums are not covered by this value. ^c Max. load 200 kg per unit.	
Component	Load																
All horizontal storage areas, including shelves, bottoms, tops and bottom hinged flaps	0,65 kg/dm ²																
Extension elements and fixed baskets	0,2 kg/dm ³																
Clothes rails	4,0 kg/dm																
Suspended filing pockets	2,5 kg/dm ^a																
Storage area/-volume (3.10) for heavy appliances (e.g. refrigerator, washing machine) ^b	0,5 kg/dm ^{3 c}																
^a Measured perpendicular to the plane of the filing pockets. ^b Other heavy objects, e.g. aquariums are not covered by this value. ^c Max. load 200 kg per unit.																	
5.2	General safety requirements		/														
5.2.1	General		P														
5.2.2	Units moving vertically		N/A														
5.2.3	Lids		N/A														
5.2.4	Vertically moving roll fronts and vertically moving sliding doors		N/A														
5.2.5	Extension elements		P														
5.3	Structural safety requirements	CG < 350mm	/														
5.3.1	General		/														
5.3.2	Shelves		/														
5.3.2.1	Shelf retention – vertical downward (EN 16122:2012, 6.1.3)		N/A														
5.3.2.2	Shelf retention – horizontal outward (EN 16122:2012, 6.1.2)		N/A														
5.3.3	Shelf supports (EN 16122:2012, 6.1.5)		N/A														
5.3.4	Storage area/-volume for heavy appliances (EN 16122:2012, 6.2.1)		N/A														
5.3.5	Pivoted doors		/														
5.3.5.1	Vertical load of pivoted doors (EN 16122:2012, 7.1.1 & 7.1.2)		N/A														
5.3.5.2	Horizontal load on pivoted doors (EN 16122:2012, 7.1.1 & 7.1.3)		N/A														
5.3.6	Sliding doors and horizontal roll fronts (EN 16122:2012, 7.2.1 & 7.2.2)		N/A														
5.3.7	Extension elements		/														
5.3.7.1	Slam open of extension elements		P														

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	(EN 16122:2012, 7.5.1 & 7.5.4)																
5.3.7.2	Strength test of extension elements (EN 16122:2012, 7.5.1 & 7.5.2)		P														
5.3.8	Bottom hinged flaps (EN 16122:2012, 7.3.1)		N/A														
5.3.9	Top hinged flaps		N/A														
5.3.10	Kitchen-worktops and other top surfaces		/														
5.3.10.1	General Tests and requirements are applicable to all kitchen-worktops and all other top-surfaces regardless of their mass and with a height ≤ 1000 mm and with a depth of the top surface ≥ 250 mm.		/														
5.3.10.2	Static load test for kitchen-worktops (EN 16122:2012, 6.2.2)		N/A														
5.3.10.3	Static load test for other top surfaces (EN 16122:2012, 6.2.2)		N/A														
5.3.11	Wall hanging units and top hanging units		/														
5.3.11.1	General The tests in 5.3.11 shall be carried out on all wall hanging units and top hanging units with a total mass ≥ 10 kg. All components shall be tested irrespective of their total mass. But the safety requirements specified in 5.3.1 to 5.3.10 do not apply to components with a total mass < 10 kg.		/														
5.3.11.2	Movable components, shelf supports and top surfaces		N/A														
5.3.11.3	Overload (EN 16122:2012, 10.1.3)		N/A														
5.3.11.4	Sidewards detachment test		N/A														
5.3.11.5	Vertical dislodgement test (EN 16122:2012, 10.1.4)		N/A														
5.4	Stability	H < 600 mm	/														
5.4.1	General Table 2 — Loads for stability testing <table><tr><th>Component</th><th>Load</th></tr><tr><td>All horizontal storage areas, including shelves, bottoms, tops and flaps</td><td>0,325 kg/dm²</td></tr><tr><td>Extension elements and baskets with internal height, <i>H</i>, ≤ 1 dm</td><td>0,2 kg/dm³</td></tr><tr><td>Extension elements and baskets with internal height, <i>H</i>, between 1 dm and 2,5 dm</td><td>(0,2667 – 0,0667<i>H</i>) kg/dm³ (<i>H</i> in dm)</td></tr><tr><td>Extension elements and baskets with internal height, <i>H</i>, ≥ 2,5 dm clear height</td><td>0,1 kg/dm³</td></tr><tr><td>Hanging rails</td><td>2 kg/dm</td></tr><tr><td>Suspended filing pockets</td><td>1,25 kg/dm</td></tr></table>	Component	Load	All horizontal storage areas, including shelves, bottoms, tops and flaps	0,325 kg/dm ²	Extension elements and baskets with internal height, <i>H</i> , ≤ 1 dm	0,2 kg/dm ³	Extension elements and baskets with internal height, <i>H</i> , between 1 dm and 2,5 dm	(0,2667 – 0,0667 <i>H</i>) kg/dm ³ (<i>H</i> in dm)	Extension elements and baskets with internal height, <i>H</i> , ≥ 2,5 dm clear height	0,1 kg/dm ³	Hanging rails	2 kg/dm	Suspended filing pockets	1,25 kg/dm		/
Component	Load																
All horizontal storage areas, including shelves, bottoms, tops and flaps	0,325 kg/dm ²																
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Extension elements and baskets with internal height, <i>H</i> , between 1 dm and 2,5 dm	(0,2667 – 0,0667 <i>H</i>) kg/dm ³ (<i>H</i> in dm)																
Extension elements and baskets with internal height, <i>H</i> , ≥ 2,5 dm clear height	0,1 kg/dm ³																
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Suspended filing pockets	1,25 kg/dm																

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Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen/ Measuring results - Remarks	Ergebnis Result																																								
	<table><tr><th colspan="5">Table 3 — Stability requirements</th></tr><tr><th>Test No.</th><th>Test</th><th>Reference in EN 16122:2012</th><th>Loading</th><th>Test parameter</th></tr><tr><td>5.4.1.1</td><td>Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of 1 000 mm or less</td><td>11.2.1</td><td>Vertical force, N</td><td>750</td></tr><tr><td>5.4.1.2</td><td>Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of more than 1 000 mm</td><td>11.2.2</td><td>Vertical force, N Outward horizontal force resulting in an overturning moment, Nm</td><td>350 50</td></tr><tr><td>5.4.1.3</td><td>All storage areas unloaded and all doors, extension elements and flaps open</td><td>11.4.1</td><td>–</td><td>–</td></tr><tr><td>5.4.1.4</td><td>All storage areas unloaded, with overturning load</td><td>11.4.2</td><td>Vertical force, N</td><td>75</td></tr><tr><td>5.4.1.5</td><td>All storage areas loaded, with overturning load</td><td>11.4.3</td><td>Vertical force, N</td><td>20 % of mass of the unit loaded according to Table 2 but not greater than 300 N</td></tr><tr><td>5.4.1.6</td><td>Doors, extension elements and flaps closed and locked</td><td>11.5</td><td>Outward horizontal force, N</td><td>100</td></tr></table>	Table 3 — Stability requirements					Test No.	Test	Reference in EN 16122:2012	Loading	Test parameter	5.4.1.1	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of 1 000 mm or less	11.2.1	Vertical force, N	750	5.4.1.2	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of more than 1 000 mm	11.2.2	Vertical force, N Outward horizontal force resulting in an overturning moment, Nm	350 50	5.4.1.3	All storage areas unloaded and all doors, extension elements and flaps open	11.4.1	–	–	5.4.1.4	All storage areas unloaded, with overturning load	11.4.2	Vertical force, N	75	5.4.1.5	All storage areas loaded, with overturning load	11.4.3	Vertical force, N	20 % of mass of the unit loaded according to Table 2 but not greater than 300 N	5.4.1.6	Doors, extension elements and flaps closed and locked	11.5	Outward horizontal force, N	100		
Table 3 — Stability requirements																																											
Test No.	Test	Reference in EN 16122:2012	Loading	Test parameter																																							
5.4.1.1	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of 1 000 mm or less	11.2.1	Vertical force, N	750																																							
5.4.1.2	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of more than 1 000 mm	11.2.2	Vertical force, N Outward horizontal force resulting in an overturning moment, Nm	350 50																																							
5.4.1.3	All storage areas unloaded and all doors, extension elements and flaps open	11.4.1	–	–																																							
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5.4.1.1	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of 1 000 mm or less			N/A																																							
5.4.1.2	Doors, extension elements and flaps closed, all storage units unloaded – Units that are, or can be, adjusted to a height of more than 1 000 mm			N/A																																							
5.4.1.3	All storage areas unloaded and all doors, extension elements and flaps open			N/A																																							
5.4.1.4	All storage areas unloaded, with overturning load			N/A																																							
5.4.1.5	All storage areas loaded, with overturning load			N/A																																							
5.4.1.6	Doors, extension elements and flaps closed and locked			N/A																																							
5.4.2	Kitchen floor units with kitchen-worktops (EN 16122:2012, 11.2)			N/A																																							
5.4.3	Additional stability requirements for TV-furniture			/																																							
5.4.3.1	General																																										
5.4.3.1.1	The requirements for TV-furniture specified in 5.4.3.2 and 5.4.3.3 are additional to the requirements in 5.4.1.			/																																							
5.4.3.1.2	TV-furniture with a height of the TV support surface ≤ 600 mm above the floor			N/A																																							
5.4.3.1.3	TV-furniture with a height of the TV support surface > 600 mm above the floor			N/A																																							
5.4.3.2	Stability requirements for TV-furniture, one door and/or extension element opened – storage areas loaded			N/A																																							
5.4.3.3	Stability requirements for TV-furniture, doors and extension elements closed – storage areas unloaded			N/A																																							
5.5	Floor standing units intended to be attached to the building (EN 16122:2012, 10.2)			N/A																																							
5.6	Vertical glass components (EN 14072:2003; EN 12150-1:2015, 8; EN 12600)			N/A																																							
6	Product information The product information shall be supplied in the language of the country where the furniture is sold and shall contain at least the following, if applicable. a) any unit intended to be attached to the building shall be supplied with installation instructions. b) installation shall be carried out exactly according to the manufacturer's instructions – otherwise a safety risk can occur if incorrectly installed; a warning shall be given to the consumer of related risks:			P																																							

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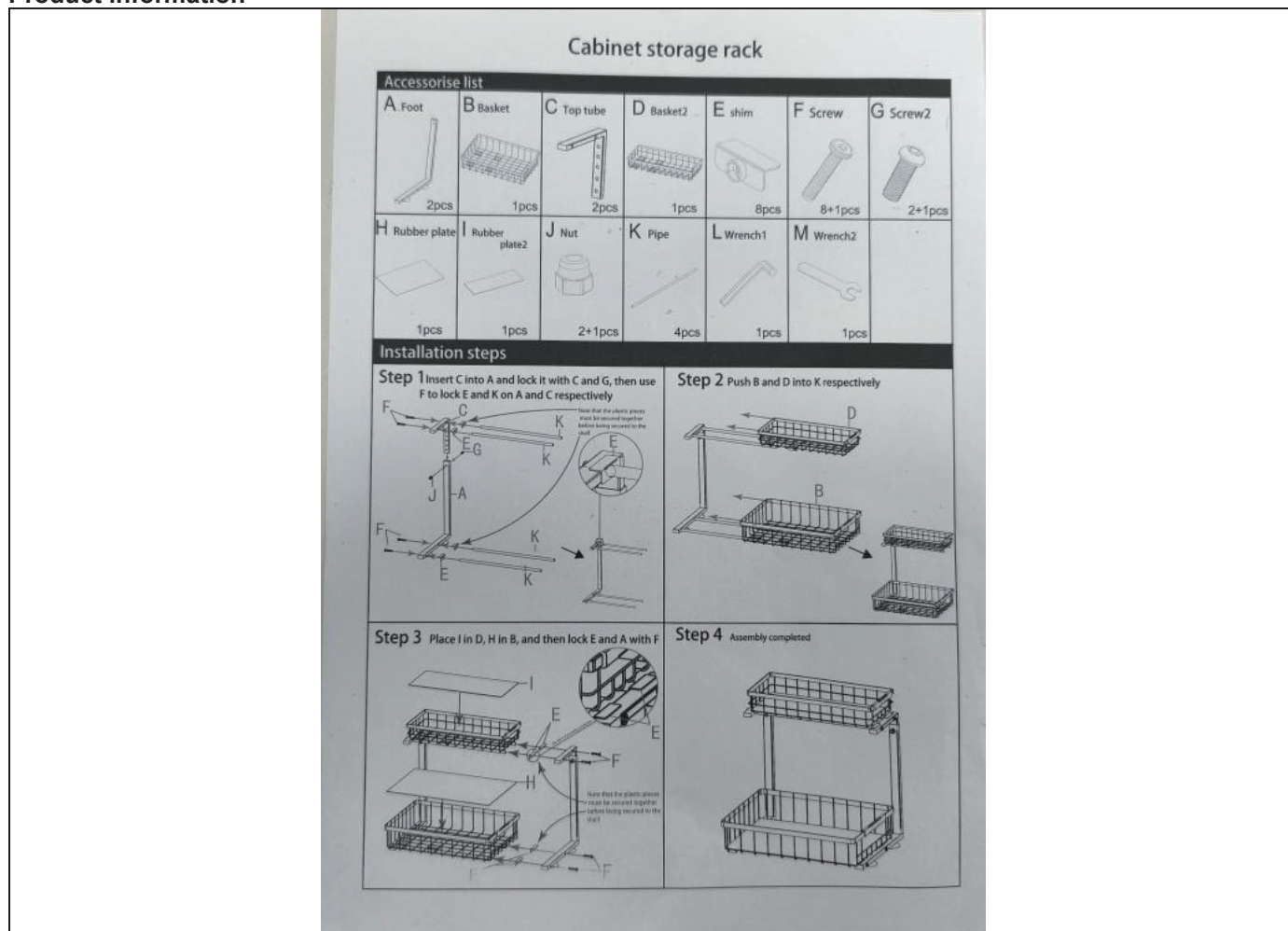
Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen/ Measuring results - Remarks	Ergebnis Result
	EXAMPLE 1 For floor standing units intended to be attached to the building: WARNING In order to prevent overturning this product must be used with the wall attachment device provided. EXAMPLE 2 For wall hanging units: WARNING In order to prevent falling down this product must be used with the wall attachment device provided. EXAMPLE 3 For wall hanging units and top hanging units: WARNING Assess the suitability of the wall/ceiling to ensure that the fastening devices will withstand the forces generated. c) where there are no open stops for the extension element information shall be provided about the potential risk of extension element can be pulled out of the unit. d) for TV-furniture the maximum size and weight of the TV set, which the TV-furniture is designed to support. For self-assembly furniture the following additional information is required: e) list of parts supplied; f) list of tools required; g) diagram of the bolts and other fastenings required		
7	Test report		
/	Annex A (normative) Additional test methods		
/	Annex B (informative) Guide to testing units and components		
/	Annex C (informative) Example of loading of wall hanging units and top hanging units		
/	Annex D (informative) Method for calculation of vertical and horizontal acting force		

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Product information



*** End of test report ***