

COASTER IN-HOUSE ASTM F2057-23 TEST REPORT FOR CLOTHING STORAGE UNITS

Factory	FAVOURITE DESIGN S/B #1282	Item number	205893		
Tested by	50-03-5011	Description	DRESSER		
Confirmed by	50-01-5002	N.W	169.79lbs		
Date	October 26, 2023	G.W	189.63lbs		
Step 1 Result	Pass	Step 2 Result	Pass	Step 3 Result	Pass

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	Product Details
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	Glide Length (Original)	390mm(15.35")	Drawer Opening (Original)	8"
	Glide Length (New)	370mm(14.57")	Drawer Opening (New)	8"



Additional Note :

Back Panel Thickness (Original)	3mm(0.12")	Quantity of Counter Weight Panel	6pc	Weight of each Counter Weight Panel	0.9kg(1.98lbs)
Back Panel Thickness (New)	15mm(0.59")	Quantity of Pack Weight		Weight of each Pack Weight	



Additional Note : Back panel size 15mmT x 805mmW x 1575mmL, weight 13kg(28.67lbs)
Counter weight panel size 15mmT x 150mmW x 600mmL

	Other Changes	<i>example like moving forward the front legs, enlarge the bottom base of the cabinet , etc.</i>
	Additional Note :	

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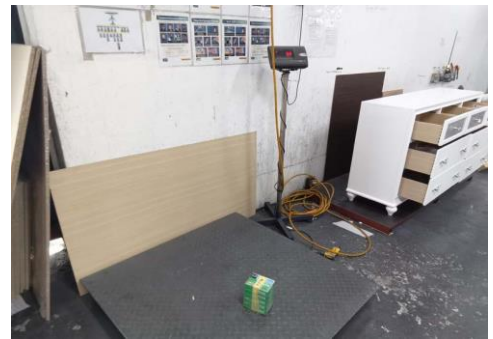
Simulated Clothing Load

Drawer No	Storage volume dimensions (inch)			Storage volume dimensions (mm)			Cuft	Test Weight (8.5lbs / cuft)	Note
	Length	Width	Height	Length	Width	Height			
Drawer No. 1	16.93	12.60	7.17	430	320	182	0.88	7.52	
Drawer No. 2	16.93	12.60	7.17	430	320	182	0.88	7.52	
Drawer No. 3	16.93	12.60	7.17	430	320	182	0.88	7.52	
Drawer No. 4	27.17	12.60	8.27	690	320	210	1.64	13.92	
Drawer No. 5	27.17	12.60	8.27	690	320	210	1.64	13.92	
Drawer No. 6	27.17	12.60	8.27	690	320	210	1.64	13.92	
Drawer No. 7	27.17	12.60	8.27	690	320	210	1.64	13.92	

1 Extend all available extendible elements

2 Place the test weight in the extendible elements for 30 seconds



Step 1









Additional Note :

Placed a 6.5kg(14.33lbs) of test weight in each drawer. No tip over during the test

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Simulated Horizontal Dynamic Force		
1	Extend all available extendible elements	
2	Apply a 10 lbf (44 N) horizontal force, parallel to the direction of outward motion, at the highest hand-hold, not to exceed 56" and held for 10 s	
Step 2	<div style="display: flex; justify-content: space-around;">   </div>	
	<table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Additional Note :</td> <td>Required more than 10lbf of pulling force to tip it over</td> </tr> </table>	Additional Note :
Additional Note :	Required more than 10lbf of pulling force to tip it over	

Simulating a Reaction on Carpet with Child Weight		
1	Test weight 60 lbs	
2	Place the test blocks under the unit's rear floor supports (Block dimensions: 0.43 inch thick)	
3	Extend all available extendible elements and apply the test weight over the top of element that most likely to cause tipover	
Step 3	<div style="display: flex; justify-content: space-around;">   </div>	
	<div style="display: flex; justify-content: space-around;">   </div>	
	<div style="display: flex; justify-content: space-around;">   </div>	
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">test weight = 29.5Kg(65.05lbs)</td> <td style="width: 50%; text-align: center;">test block thickness = 11.5mm(0.45")</td> </tr> </table>	test weight = 29.5Kg(65.05lbs)
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	Additional Note :	No tip over during the test
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Testing Report Reference

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