

SC1100 & SC1600 SITE CABINETS

ALLFASTENERS® SITE CABINETS

▪ SKU: 12SC1100-WC

▪ SKU: 12SC1600-WC



SC1100 SAFE WORKING LOAD

SWL = 50kg per shelf

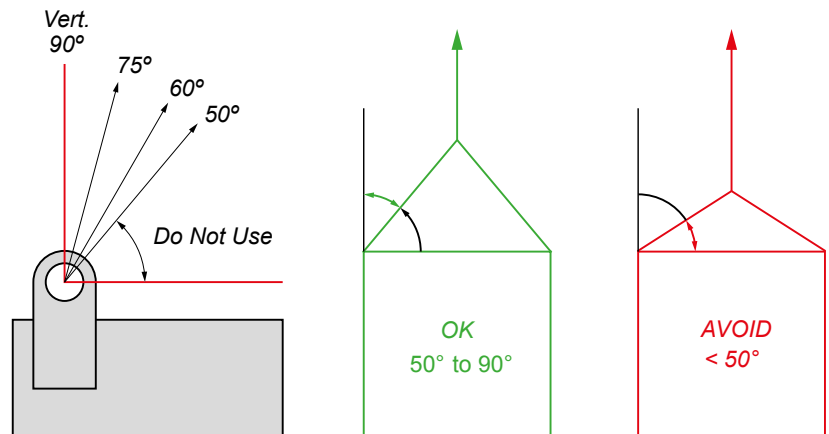
SWL = 156kg total for cabinet

SC1600 SAFE WORKING LOAD

SWL = 67kg per shelf

SWL = 195kg total for cabinet

- Safe Working Load (SWL) refers to the weight of the items that can be placed inside the cabinet.
- Observe sling angle to the horizontal between 50° - 90° degrees



This is a very heavy object. It must be properly secured when stored to ensure it does not move or fall over. When moving the cabinet on wheels, this should only be done on a hard flat horizontal smooth surface to ensure the wheels are not damaged and the cabinet remains stable. Only empty cabinets are permitted to be rolled on wheels.

NOTES

1. Cabinet empty weight is SC1100 = 132kg, SC1600 = 216kg
2. Load shall be uniformly distributed per shelf
3. Cabinet doors must be locked securely before lifting
4. Lifting must be done gradually without abrupt shocks while keeping the cabinet upright without tilting
5. For calculating the SWL the following factors of safety have been applied:
 - 1.5 for cabinet strength
 - 2.0 for loading placed inside the cabinet
 - 2.0 for crane dynamic load amplification factor
6. Cabinet has been tested to a static uniformly distributed ultimate load of 1200kg (SC1100) & 1600kg (SC1600) placed inside the cabinet.



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LOADING CAPACITY & MOVEMENT TEST FOR SC1100

- SKU: 12SC1100-WC

Loading Capacity Test			
Part #	Test Condition & Description	Test Date	Test Result
12SC1100-WC	<ol style="list-style-type: none">Actual 300kg per shelves ,whole loading : 1200kgs been passed.The testing was remained 12H.Testing requirements: not exceed 1/4 inch deformation of table.	18/5/2021	Pass
Hanging & Movement Test			
12SC1100-WC	<p>Test methods:</p> <ol style="list-style-type: none">The cabinet loaded from 300 kg per shelves,whole loading : 1200kgs .Lift by two chains diagonally with the other two longer ones just keeping the cabinet levelUsed the line hanging equipment raised up the loaded cabinet then remained 10 minutes;Repeat the lifting cabinet, pause for two seconds,rotate the cabinet , check if the cabinet is abnormal;Move the raised cabinet back & forth to check the cabinet whether have any damage.	19/5/2021	Pass
Cabinet Tilts Test			
12SC1100-WC	<p>Test methods:</p> <ol style="list-style-type: none">The cabinet loaded from 300 kg per shelves,whole loading : 1200kgsTilting the cabinet the contents move and end up on the doorTest after ,The door locking function is normal.	19/5/2021	Pass



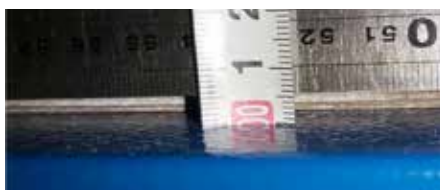
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LOADING CAPACITY & MOVEMENT TEST FOR SC1600

- SKU: 12SC1600-WC

Loading Capacity Test			
Part #	Test Condition & Description	Test Date	Test Result
12SC1600-WC	1.actual 400kg per shelves ,whole loading : 1600kgs been passed. 2.the testing was remained 12H. 3.Testing requirements: not exceed 1/4 inch deformation of table.	3/6/21	Pass
Hanging & Movement Test			
12SC1600-WC	Test methods: 1.the cabinet loaded from 400 kg per shelves,whole loading : 1600kgs . 2. Lift by two chains diagonally with the other two longer ones just keeping the cabinet level 3. Used the line hanging equipment raised up the loaded cabinet then remained 10 minutes; 4. Repeat the lifting cabinet, pause for two seconds,rotate the cabinet , check if the cabinet is abnormal; 5. Move the raised cabinet back & forth to check the cabinet whether have any damage.	4/6/2021	Pass
Cabinet Tilts Test			
12SC1600-WC	Test methods: 1. The cabinet loaded from 400 kg per shelves,whole loading : 1600kgs 2. Tilting the cabinet the contents move and end up on the door 3. Test after ,The door locking function is normal.	4/6/2021	Pass



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