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|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>MAORI Flush installation</p>    | <p><b>Item:</b> MAORI and MAORI Ø12<br/>with plastic bush + screw assembled</p>                                                                                                                                                                                                                     |
|  <p>MAORI Ø12 Step installation</p> | <p><b>Result:</b> Passed test with load 160 kg<br/>Capacity loading 80 kg per shelf --&gt; 20kg load capacity per shelf support in accordance to regulation UNI EN 16337:2013</p> <p><b>Test laboratory:</b> </p> |

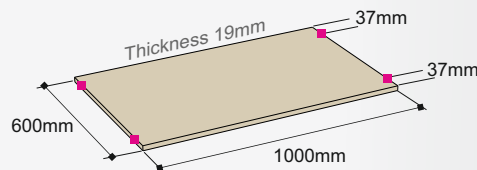
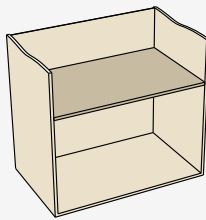
Shelf dimension

Sequence of tests

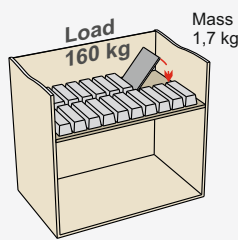
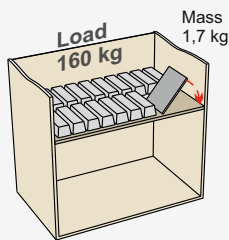
**STEP 1**  
Impact test right side

**STEP 2**  
Impact test left side

**STEP 3**  
Permanent static load

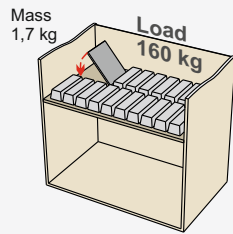
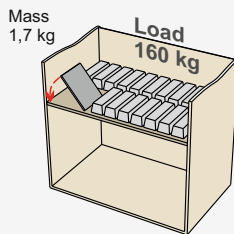


Tests carry out with chipboard panel  
Thickness 19mm  
Density 650 Kg/m<sup>3</sup>  
In accordance to regulation EN 14322



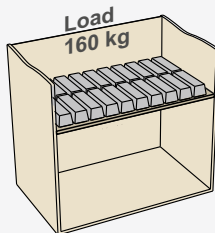
**IMPACT TEST**  
10 times on right front side  
and  
10 times on right rear side

**Static load 160 kg**  
+  
**Impact test with mass 1,7 kg**



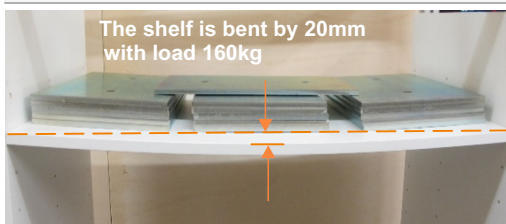
**IMPACT TEST**  
10 times on left front side  
and  
10 times on left rear side

**Static load 160 kg**  
+  
**Impact test with mass 1,7 kg**

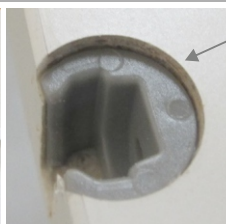


1 week

**Static load 160 kg**

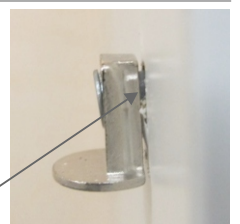


The shelf is bent by 20mm with load 160kg



MAORI shelf support and MAORI bracket don't have deformations or breakages

Holes slightly damaged in the chipboard side panel



**At the end of the test the shelf support doesn't have deformations or breakages, although the loaded shelf panel has an evident bend and holes in the side panel result damaged.**

Please, note that the above load capacity test for shelf supports doesn't take into consideration different quality levels of panels.