

	Item: PK2 PRO with bush and screw pre-inserted Wood shelf support Result: Passed test with load 200 kg Capacity loading 100 kg per shelf --> 25kg load capacity per shelf support in accordance to regulation UNI EN 16337:2013 Test laboratory: 
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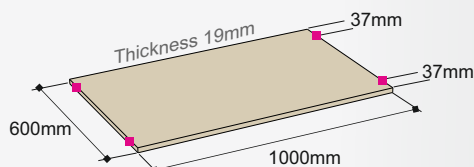
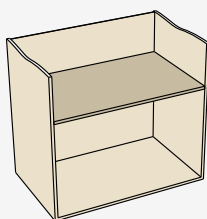
Shelf dimension

Sequence of tests

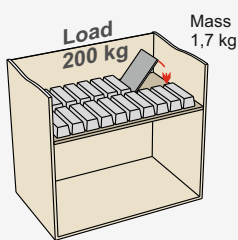
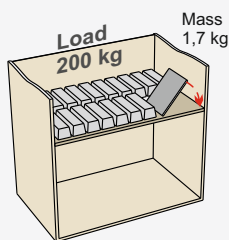
STEP 1
Impact test right side

STEP 2
Impact test left side

STEP 3
Permanent static load

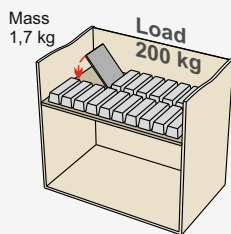
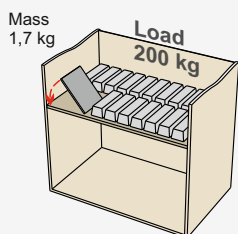


Tests carry out with chipboard panel
Thickness 19mm
Density 650 Kg/m³
In accordance to regulation EN 14322



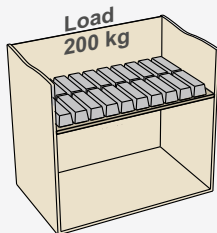
IMPACT TEST
10 times on right front side
and
10 times on right rear side

Static load 200 kg
+
Impact test with mass 1,7 kg



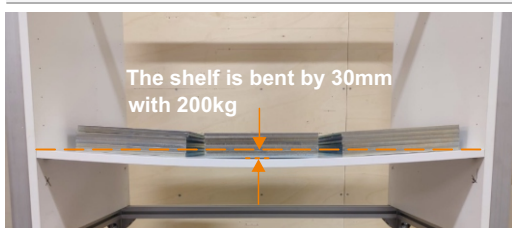
IMPACT TEST
10 times on left front side
and
10 times on left rear side

Static load 200 kg
+
Impact test with mass 1,7 kg

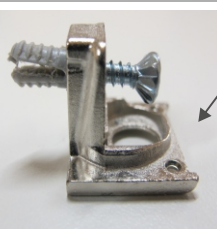


1 week

Static load 200 kg

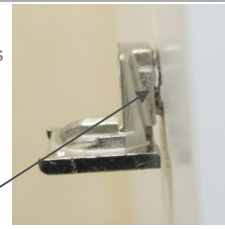


The shelf is bent by 30mm with 200kg



PK2 PRO shelf support doesn't have deformations or breakages

Holes partially damaged in the side panel



At the end of the test the item PK2 PRO doesn't have deformations or breakages, although the loaded shelf panel has an evident bend and holes in the side panel result partially damaged.

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