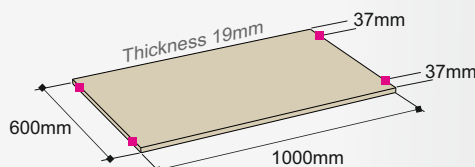
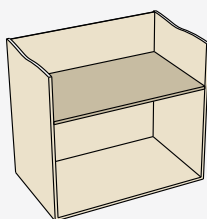


	Item: K LINE pin Ø5mm Wood shelf support Result: Passed test with load 200 kg Capacity loading 100 kg per shelf --> 25kg load capacity per shelf support in accordance to regulation UNI EN 16337:2013 Test laboratory: 
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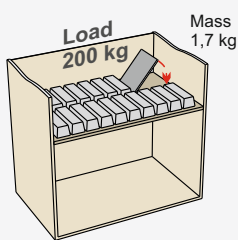
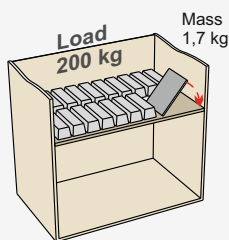
Shelf dimension



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

Sequence of tests with same shelf

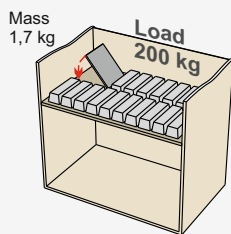
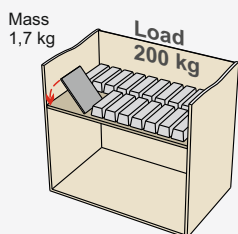
STEP 1
Impact test right side



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

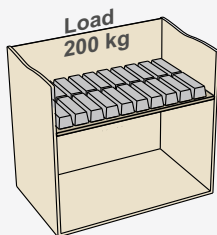
STEP 2
Impact test left side



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

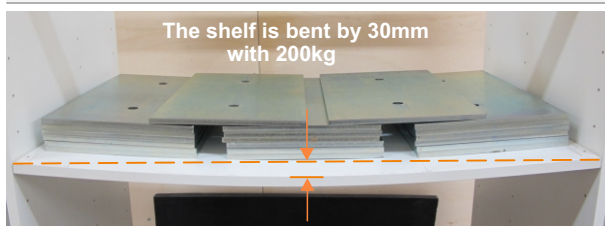
Static load 200 kg
+
Impact test with mass 1,7 kg

STEP 3
Permanent static load

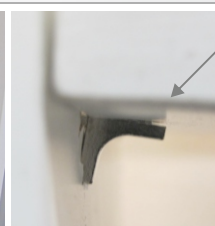


1 week

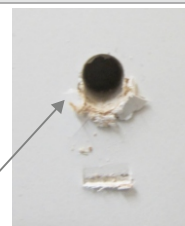
Static load 200 kg



The shelf is bent by 30mm with 200kg



K LINE shelf support doesn't have deformations or breakages



Holes partially damaged in the 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.