

12.10.256 Internal Pull out test

Internal Test

06/11/14

1/3



Hole diameter [mm]	Ø9,5mm (see notes in appendix section)
Class of wood	
Test tool	Lifter, Round head screw 8.8 M6x50, heavy washer

Test layout







12.10.256 Internal Pull out test

Internal Test

06/11/14

2/3

Test Results



Sample	Results
12.10.256	295,6 Kg [2900 Newton]

Comments: cracks in panel due to high tension value. No problem with manual insertion. Great stability after screwing action.

Appendix

Test was initially performed with \emptyset 8,5mm and \emptyset 9,0mm holes. Results were not collected because the panel was damaged and the screwing action was not possible.



Picture - 1 - Cracks (Ø8,5 test)



12.10.256 Internal Pull out test

Internal Test

06/11/14

3/3



Picture - 2 - Cracks (Ø9,0 test)