



## Test Results | THERMORY®Ash | Formaldehyde Content

STABILITY

### TESTED

- ▶ Content of formaldehyde of THERMORY®Ash.

### RESULTS

- ▶ Thermal modification reduces the formaldehyde content, more so than standard kiln-dried woods.



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## TEST REPORT

Tallinn

2011-03-04

**Samples designation:** Test samples of 100x20 mm cross section ash thermowood.

**Committer:** Brenstol OÜ.

**Ground for testing:** Order for testing 2011-02-23.

**Testing objective:** Determination of formaldehyde content.

**Test method:** EN 120. Wood-based panels. Determination of formaldehyde content. Extraction method called perforator method.

### Test results.

Probe No.	Formaldehyde content, mg/100g
1	0,3
2	0,2
3	0,1
4	0,2
5	0,2
6	0,1
7	0,1
8	0,1
9	0,2
10	0,1
<b>Average</b>	<b>0,16</b>

### Conclusion.

The test results above enable to draw a conclusion that heat treatment reduces formaldehyde content in wood, while our experience of natural wood probes analysis has given results 0,5-2,0 mg/100g,

Rein Reiska  
Associate Professor