



# Test Results | THERMORY® White Ash Formaldehyde Content

Formaldehyde  
Content

## TESTED

- ▶ Content of formaldehyde of THERMORY® White Ash.

## RESULTS

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



► DECKING   ► CLADDING   ► PORCH FLOORING

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## TEST REPORT

Tallinn

2011-03-04

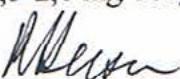
- Samples designation:** Test samples of 100x20 mm cross section ash thermowood.
- Committer:** Brenstol OÜ.
- Ground for testing:** Order for testing 2011-02-23.
- Testing objective:** Determination of formaldehyde content.
- Test method:** EN 120. Wood-based panels. Determination of formaldehyde content. 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
Average	0,16

### 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