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.

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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,

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