

RAPPORTO DI PROVA n°85963 / 1 del 17-03-2008

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| Date received: | 08-10-07 | BRENSTOL OU |
| Date of test: | 09-11-07 | PETERBURI RD 44 |
| Date of issue: | 17-03-08 | 11415 TALLINN |
| Sample name: | DECKING DI FRASSINO TERMOCOTTO 215°C | ESTONIA |
| | | Attn: Meelis Kajndu |

Technical Report

Determination of the durability of solid wood against wood-destroying basidiomycetes.

Test method: according to CEN/TS 15083-1/2005, except for sampling and preparation of wood test specimens, which were provided by the customer.

Test material: heat treated ash (frassino termocotto)

Reference timber: *Fagus sylvatica*

Test fungi: *Coniophora puteana* DSM 3085; *Coriolus versicolor* DSM 3086

Ageing procedure: none

Sterilization: by gamma radiation

Date of exposure to fungi: 09/11/2007

Date removed from fungi, test duration: 10/03/2008, 4 weeks

Test results

Mean percentage mass loss of reference timber:

with *Coniophora puteana*: 33%

with *Coriolus versicolor*: 30%

test valid

Moisture content of test specimen after exposure to fungi

with *Coniophora puteana*: mean 18%, min 9%, max 24%

with *Coriolus versicolor*: mean 31%, min 16%, max 57%

Mean percentage mass loss of test specimens

with *Coniophora puteana*: 1%

with *Coriolus versicolor*: 1,4%

Median percentage mass loss of test specimens

with *Coniophora puteana*: 1%

with *Coriolus versicolor*: 1%

Provisional durability rating according to CEN/TS 15083-1/2005, Annex D:

Class 1 - very durable - median percentage mass loss ≤ 5

Note: the test method was applied to treated timber

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