



centro ricerche-sviluppo
laboratório prove setrore legno-arredo

CATAS S.p.A.
C.F. - P.IVA:
IT01818850305
Reg. Impr. Ud 20663
RJE.A.Ud 198012
Cap.Soc: €842.850 i.v.

Sede: Via Antica, 24/3
1 - 33048 S. Giovanni al Natisone UD
Tel. 0432.747211 r.a.
Fax 0432.747250
http://www.catas.com
e-mail: lab@catas.com

Filiale:
Via Braille, 5
I - 20035 Lissone MI
Tel. 039.464567
Fax 039 464565
e-mail: lissone@catas.com

TEST REPORT No. 85963 / 1 from 17-03-2008

Date Received: 08-10-07
Date of test: 09-11-07
Date of issue: 17-03-08
Sample name: Decking thermo ash 215°C

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 funghi: *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, 16 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 \leq 5

Note: the test method was applied to treated timber

Head of Department:
Dott. Franco Bulian

Managing Director:
Dott. Andrea Giavon

Sample name is declared by the orderer. This report relates to the samples submitted for the test and no others. Additions, deletions or alternations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise stated, sampling has been carried out by the orderer.

pag. 1/1