



Intumescent Systems Limited
Envirograf House
Barfreston, Dover
GB-CT157JG Kent
United Kingdom

2011-11-02

File: PGA10050
Init.: ADR/TDJ
Page: 1 of 2

Test confirmation letter

DBI – Danish Institute of Fire and Security Technology hereby confirms that a test according to EN14135: 2004 Coverings – Determination of fire protection ability has been performed on 2011-09-19 for Intumescent Systems Limited under file PGA10050.

The test specimen had the following buildup:

- Battens:** 10 x 100 mm timber battens
The battens were placed per c/c 600 mm and below the horizontal joints in boards.
- Fixing:** The timber battens were fixed to the chipboard using screws 5 x 30 mm per c/c 600 mm.
- Profiles:** 15 x 95 mm pine-wood profile. The profiles were mounted with tongue and groove joints.
- Fixing:** Each profile was fixed to the timber battens using screws 3 x 15 mm, screwed half way through the profiles per c/c 600 mm.
- Paint:** 2 coats of HW02E, clear intumescent coating
1 coat of ES/RFC/TC/C clear sealant varnish

Danish Institute of Fire and Security Technology

Jernholmen 12, DK-2650 Hvidovre E-mail: dbi@dbi-net.dk
Tel.: +45 36 34 90 00, Fax: +45 36 34 90 01 www.dbi-net.dk/en

The result from the test was the following.

- No charring of the chipboard during the 10 minutes test.
- The average temperature rise measured on the unexposed side of profiles did not exceed 250 °C during the test.
- The maximum temperature rise measured on the unexposed side of profiles did not exceed 270 °C during the test.

According to EN13501-2 the tested covering could be given the following classification:


K₁ 10 and K₂ 10

Statement:

Whilst the test information and results provided within this test confirmation letter were obtained from a test conducted fully in accordance with EN 14135, the presentation of the results in this manner does not satisfy the requirements of that standard and EN ISO/IEC 17025:2005. Additionally it should be recognized that the results of the test might change during further analysis of the data during the completion of the full test report.

The information provided in this test confirmation letter is valid for one month only or until the full test report is issued, whichever is earliest.

Danish Institute of Fire and Security Technology



Trine Dalsgaard Jensen
M.Sc. (Eng.)

/



Anders Drustrup
M.Sc. (Eng.)