

Test report

Derbicolor Patch on a substrate of plywood



Name of client: Imperbel SA
File no.: PFA10921H
Date: 2016-09-29
Pages: 4 Encl.: 0
Ref: LIA / KTO

Approval holder information

Approval holder: Imperbel SA
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The results relate only to the items tested. The test report should only be reproduced in extenso - in extracts only with a written agreement with this institute.

Running control

1. Product

Roof covering class T
Euroclass B_{ROOF}(t2).

Trade name

Derbicolor Patch.

2. Manufacturer

The client is the manufacturer.

3. License/Approval

Agrément nr. AGR. 1998/0015 dated 2012-03-05.

4. Nature of test

With reference to SECO sampling report file No. BA-310-00305 dated 2016-06-06 and to the conditions of the above mentioned approvals an audit test of the sampled material was carried out.

5. Test specimen

On 2016-07-12 DBI-Danish Institute of Fire and Security Technology received the following sample:

- One roll of Derbicolor Patch with dimensions 7278 x 1102 x 4 mm.

The weight per unit area was determined to be 5.1 kg/m².

The sample was marked "JFL – SECO – BA-310-00305/20160606-23 DERBICOLOR PATCH".

The test specimens were constructed as follows (seen from the top):

- One layer of Derbicolor Patch laid loose on to a substrate of
- 18 mm plywood with density 451.6 kg/m³ (taken from DBI's stock)

6. Conditioning

On 2016-08-08 the specimens were placed in a room having an atmosphere with a relative humidity of 50 ± 5 % at a temperature of 23 ± 2 °C. The specimens were kept in this room until the tests were performed.

7. Test method

The test was performed in accordance with:

CEN/TS 1187:2012

Test methods for external fire exposure to roofs
Test 2: Method with burning brands and wind
(identical with Nordtest method NT FIRE 006)

8. Test results

Date of test: 2016-09-06.

The test results are shown in the following table.

Observations for specimens No.	1	2	3
Air velocity (m/s)	2	2	2
End of flaming after (min.sec.)	14:47	*	*
End of glowing after (min.sec.)	14:47	*	*
Damaged length, mm (as measured from the centre of the source of the fire)			
- of the roof covering	380	510	455
- of the substrate	185	285	350

*Extinguished with water by DBI

9. Conclusion

The investigated specimens satisfy the requirements of EN 13501-5:2005+A1 regarding

- length of damage in the roof covering
- length of damage in the underlay

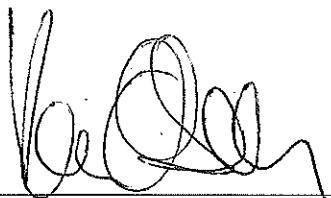
The investigated sample of Derbicolor Patch laid loose on a substrate of plywood has fire technical properties as stated in the approval.

10. Statement

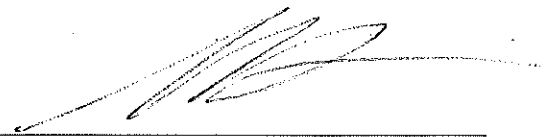
None.

11. Copy

ETA-Danmark A/S



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