

Test report

Derbicolor WSL on a substrate of mineral wool



Name of client: Imperbel SA
File no.: PFA10921C
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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.

Trade name

Derbicolor WSL.

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 approval an audit test of the sampled material was carried out.

5. Test specimens

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

- One roll of Derbicolor WSL with dimensions 7275 x 1107 x 5 mm.

The weight per unit area was determined to be 6.0 kg/m².

The sample was marked "JFL-SECO-BA-310-00305/20160606-12 DERBICOLOR WIDE SIDELAP-FM"

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

- One layer of Derbicolor WSL laid loose on to a standard substrate of
- 50 mm stone wool with density 165.5 kg/m³ (taken from DBI's stock)

The test specimens were supported by 10 mm thick fibre reinforced calcium silicate board with dry density 680 ± 50 kg/m³.

6. Conditioning

On 2016-08-08 the specimens were placed in a room having an atmosphere with a relative humidity of $50 \pm 5 \%$ at a temperature of $23 \pm 2 \text{ }^\circ\text{C}$. 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: 2016-09-05.

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.)	13:07	*	13:18
End of glowing after (min.sec)	13:07	*	13:58
Damaged length, mm (as measured from the centre of the source of the fire)			
- of the roof covering	425	380	390
- of the substrate	360	320	325

*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

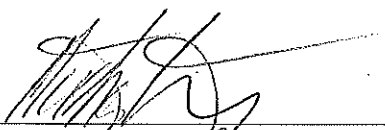
The investigated sample of Derbicolor WSL laid loose on to a substrate of mineral wool has fire technical properties as stated in the approval.

10. Statement

None.

11. Copy

ETA-Danmark A/S



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