



Test report

Foss Decor Snow Black FDC-300

SnowFoss A/S
Oddervej 3
7800 Skive
Denmark

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The results relate only to the items tested.
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1 SPONSOR

SnowFoss A/S
Oddervej 3
7800 Skive
Denmark

2 PRODUCT

Synthetic Snow made of low density polyethylene.

Trade name

Foss Decor Snow Black FDC-300.

3 NAME OF MANUFACTURER

Not stated.

4 TEST METHOD

By request of the Sponsor dated 2014-03-10, the product has been subjected to a test using ignition source 0 (smouldering cigarette) according to BS 5852:1990.

5 SAMPLE

On 2014-03-11 DBI-Danish Institute of Fire and Security Technology received the following sample:

Approx. 3 x 300 g Foss Decor Snow Black FDC-300

The test specimens were prepared from the sample.

6 CONDITIONING

The samples were stored in a conditioning room with an atmosphere of relative humidity of $50 \pm 5\%$ at a temperature of $23 \pm 2^\circ$. The specimens were kept in this room until the tests were performed.

7 TEST METHOD

As there is no standardized method, the following test method was used:

Approx. 35-40 gram of Foss Decor Snow Black FDC-300 was put in an open pan with the dimensions $\varnothing 250 \times 55$ mm.

A lit cigarette, as described in BS 5852:1990, was placed on the surface and then covered with a little snow. The time was recorded.

8 TEST RESULTS

Date of test: 2014-04-24.

Test 1

Time (min.sec.)	Observations
00.00	The lit cigarette was placed on the snow and covered
00.02	smoke development, covering layer melting away
00.05	the cigarette had burned 22 mm, the snow was melted away over the burned part of the cigarette
08:00	the cigarette had burned 48 mm, the snow was melted away over the burned part of the cigarette
10:00	the cigarette had burned 63 mm, the snow was melted away over the burned part of the cigarette
12:00	Smoke development stopped
60.00	Test stopped. The damage was measured to 65 x 30 mm that was melted away; depth of the melted part 20 mm.

Test 2

Time (min.sec.)	Observations
00.00	The lit cigarette was placed on the snow and covered
00.02	smoke development, covering layer melting away
00.05	the cigarette had burned 24 mm, the snow was melted away over the burned part of the cigarette
08:00	the cigarette had burned 36 mm, the snow was melted away over the burned part of the cigarette
10:00	the cigarette had burned 47 mm, the snow was melted away over the burned part of the cigarette
15:00	Still smoke development, cigarette has burned out
16:04	Smoke stopped
60.00	Test stopped. The damage was measured to 73 x 30 mm that was melted away; depth of the melted part 20 mm.

After the tests were stopped, the Foss Decor Snow Black FDC-300 was examined, and it was established that the snow only had melted in the area just surrounding the cigarettes.

At no time flames occurred.

9 CONCLUSION

The test shows that a lit cigarette, as described in BS 5852:1990, could not ignite the sample of Foss Decor Snow Black FDC-300.

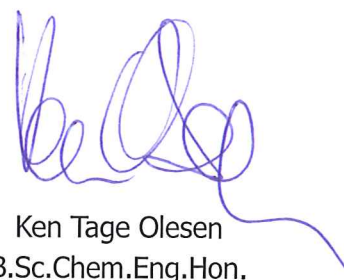
10 STATEMENT

The test results relate only to the behaviour of the test specimens of a material under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.



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