



Norske Moseprodukter A/S
2428 STORSJØEN

SINTEF NBL
Norges brann tekniske laboratorium
Norwegian Fire Research Laboratory

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Trondheim,
1995-07-26

TEST REPORT

Task no.: 250050/95.208

Test Method/Standard: Ad hoc testing of ignitability

The product was exposed by a small flame (match-flame equivalent) as described in Swedish Standard SIS 650082 for testing of fabrics.

Intention of test: Indicative

Test performed at: SINTEF NBL - Norwegian Fire Research Laboratory
Tiller bru, Tiller
N-7034 Trondheim
NORWAY

Total number of pages: 3
(Appendices included)

Client: Norske Moseprodukter A/S

Product description: Natural and coloured moss (*Cladonia alpestris*) in packages of approximately 50 g moss each. The moss was soft when the packages were opened.

Type of product: Decoration moss

Name of product: Decoration Moss

Manufacturer: Norske Moseprodukter A/S

Place of production: Storsjøen, Norway

Samples received: 1995-05-15

The result of this test may only be quoted in full.
Excepts may be quoted only with the written permission of SINTEF NBL - Norwegian Fire Research Laboratory.

The test results referred to in this report relates only to the items tested.

Test reports from SINTEF NBL - Norwegian Fire Research Laboratory form the basis of fire technical classifications, certifications and approvals

Sampling: The test material was chosen by the client

Number of single tests: 9

Conditioning of test specimen: See Appendix I

Date of testing: May-June 1995

Duration of the test: 10 minutes

Operator: Erling Stenhaus, engineer

Test results: See Appendix I

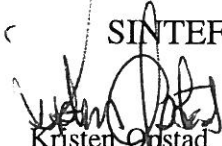
The product Decoration Moss was not ignited by a small flame when tested in unprepared condition. The moss was not ignited when tested after soaking with water and conditioning.

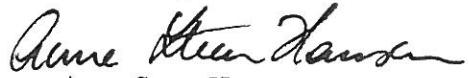
The product Decoration Moss was ignited and burnt well after thoroughly washing with water and conditioning.

Remarks/deviations: The Decoration Moss will probably not be ignited by a small flame (match-flame equivalent) if the moss is in unwashed condition.

Appendices: Appendix I Test results

SINTEF NBL - Norwegian Fire Research Laboratory


Kristen Ostad
Discipline Manager
Materials Reaction to Fire


Anne Steen Hansen
Research Engineer

TEST RESULTS

1. Testing of unconditioned moss

The moss was taken directly from the package and exposed by the flame from below. 3 parallel tests were performed. Both natural and coloured moss were tested.

None of the moss samples were ignited.

2. Testing of water soaked and conditioned moss.

The moss was taken from the package, soaked with water, and thereafter stored in air with a relative humidity of 50 % and a temperature of 23 °C until constant mass was obtained. The moss was exposed by the flame from below. 3 parallel tests were performed. Both natural and coloured moss were tested.

None of the moss samples were ignited.

3. Testing of washed and conditioned moss.

The moss was taken from the package, washed well with water, and thereafter stored in air with a relative humidity of 50 % and a temperature of 23 °C until constant mass was obtained. The moss was exposed by the flame from below. 3 parallel tests were performed. Both natural and coloured moss were tested.

All samples were ignited and burnt totally out during the test.