REPORT

issued by an Accredited Testing Laboratory

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Date
2020-01-16

Reference
9P08144-1

Testing

Decibel AB
Anders Anderssons väg 7
285 35 MARKARYD

Ignitability according to EN ISO 11925-2

(1 appendix)

Introduction

RISE has by request of Decibel AB performed a fire test according to EN ISO 11925-2. The purpose of the test is to form a basis for technical fire classification.

Product

According to the client: Name of family: Hertz Camira, Frequency absorber consists of CMHR, Ecophon Master SQ 40, Fabric and mdf-board with Fiji fabric as facing.
The product has a nominal thickness of 80 mm.
The samples were reduced to 60 mm by cutting away the unexposed surface in accordance with the standard.

Manufacturer

Decibel AB, Markaryd, Sweden.

Sampling

The sample was delivered by the client. It is not known to RISE Safety – Fire Research if the product received is representative of the mean production characteristics.

The sample was received on December 17, 2019 at RISE Safety – Fire Research.

Test results

The product was tested with surface exposure and edge exposure.

The test results are given in appendix 1.

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

SWEDAC ACKREDITERING
Accred. No. 1002
Testing
ISO/IEC 17025

Note

The accreditation referred to is valid for EN ISO 11925-2.

RISE Research Institutes of Sweden AB
Safety - Fire Research Materials

Performed by

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Appendix

1. Test results

Appendix 1

Test results – EN ISO 11925-2:2010/AC:2011

Product

According to the client: Name of family: Hertz Camira Frequency absorber consists of CMHR, Ecophon Master SQ 40, Fabric and mdf-board with Fiji fabric as facing.
The product has a nominal thickness of 80 mm.
The samples were reduced to 60 mm by cutting away the unexposed surface in accordance with the standard.

Application

Edge exposure. Flame exposure time was 15 seconds.

Test results

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	→	→	→
The sample ignited, s	3	2	4	3	3	4
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-*
Burning droplets	Yes	Yes	Yes	Yes	Yes	Yes
Time when filter paper ignited, s	-	-	-	-	-	-

*Flaming ceased before the flame tip reached 150 mm.

Appendix 1

Application

Surface exposure. Flame exposure time was 15 seconds.

Test results

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	→	→	→
The sample ignited, s	5	6	5	5	4	5
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-*
Burning droplets	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

*Flaming ceased before the flame tip reached 150 mm.

Measured data

Complete product

Thickness 77.4 – 81.2 mm.

Area weight 10 kg/m^2 approximately.

Density 127 kg/m^3 approximately.

Conditioning

According to EN 13238:2010.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

Date of test

January 15, 2020.