

Decibel AB
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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: Product called "Illusion", sound absorbing board consisting of a 20 mm Ecophon membrane with 1 mm Camira – Fiji fabric as facing.

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 March, 2018 at RISE Safety – Fire Research.

Test results

The products were tested with surface exposure and edge exposure. The side with the fabric facing was exposed for the burner flame.

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.

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Note

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

RISE Research Institutes of Sweden AB Safety - Fire Research Materials

Performed by

Examined 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: Product called “Illusion”, sound absorbing board consisting of a 20 mm Ecophon membrane with 1 mm Camira – Fiji fabric as facing.

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	3	4	5	5	4
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.

Application

Surface exposure. Flame exposure time was 15 seconds.

Test results

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	→	→	→
The sample ignited, s	9	5	7	12	6	NI
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-
Burning droplets	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

NI = No ignition.

*Flaming ceased before the flame tip reached 150 mm.

Appendix 1

Measured data

Thickness 20 mm.

Area weight 4.6 kg/m².

Conditioning

According to EN 13238:2010.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

Date of test

March 26, 2018.