REPORT

Issued by an Accredited Testing Laboratory

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Date	Reference	Page
2021-01-14	122879	1 (2)

Decibel by Johanson
Anders Anderssons väg 7
285 35 Markaryd

Ignitability according to EN ISO 11925-2

(1 appendix)

Introduction

RISE has by request of Decibel by Johanson 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 “Bow”, “Facett” and “Diagon” sound absorbing board are the same product in different design and consisting of a 50 mm Ecophon Master SQ membrane with Camira Carlow fabric as facing. The fabric consisting of 100% polypropylene and has an area weight of 214 g/m^2.

Manufacturer

Decibel by Johanson, 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 January 4, 2021 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
Department Fire Technology - Reaction to Fire Material Lab

Performed by

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Appendix

1. Test results

Appendix 1

Test results – EN ISO 11925-2:2020

Product

According to the client: Product called “Bow”, “Facett” and “Diagon” sound absorbing board are the same product in different design and consisting of a 50 mm Ecophon Master SQ membrane with Camira Carlow fabric as facing. The fabric consisting of 100% polypropylene and has an area weight of 214 g/m^2.

Application

Edge exposure. Flame exposure time was 15 seconds.

Test results

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

*Flaming ceased before the flame tip reached 150 mm.

Application

Surface exposure. Flame exposure time was 15seconds.

Test results

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

*Flaming ceased before the flame tip reached 150 mm.

Appendix 1

Measured data

Complete product

Thickness 48.3 – 48.7 mm.

Area weight 11.2 kg/m^2 approximately.

Conditioning

According to EN 13238:2010.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

Date of test

January 14, 2021.