

Decibel AB  
c/o Johanson Design 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:

Product called "Clamp Ceiling / Clamp Wall", consisting of Ecophon Inside, fabric and wires. The product has a nominal area weight of 10.2 kg/m<sup>2</sup>, and a nominal thickness of 45 mm. The colour is green.

### Manufacturer

Decibel AB, Markaryd, Sweden.

### Sampling

The sample was delivered by the client. It is not known to RISE, Fire and Safety if the products received are representative of the mean production characteristics.

The sample was received on April 7, 2025 at RISE, Fire and Safety.

### 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.

#### RISE Research Institutes of Sweden AB

Postal address

Box 857  
501 15 BORÅS  
SWEDEN

Office location

Brinellgatan 4  
504 62 Borås  
SWEDEN

Phone / Fax / E-mail

+46 10-516 50 00  
+46 33-13 55 02  
info@ri.se

Confidentiality level

C3 - Sensitive

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**Note**

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

**RISE Research Institutes of Sweden AB  
Fire and safety - Reaction to Fire Medium Scale Lab**

Performed by

Examined by



Richard Johansson



Per Thureson

**Appendix**

1. Test results – EN ISO 11925-2:2020

Appendix 1

**Test results – EN ISO 11925-2:2020**

**Product**

According to the client:

Product called “Clamp Ceiling / Clamp Wall”, consisting of Ecophon Inside, fabric and wires. The product has a nominal area weight of 10.2 kg/m<sup>2</sup>, and a nominal thickness of 45 mm. The colour is green.

**Test preparation**

The specimen was tested free standing.

**Application**

Hard side. Surface exposure. Flame exposure time was 15 seconds.

**Test results**

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

\*Flaming ceased before the flame tip reached 150 mm.

**Application**

Hard side. Edge exposure. Flame exposure time was 15 seconds.

**Test results**

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	↑	↑	↑
The sample ignited, s	2	2	2	2	2	2
The flames reach 150 mm, s	17	-*	14	-*	-*	-*
Flaming droplets/particles	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

\*Flaming ceased before the flame tip reached 150 mm.

Appendix 1

**Application**

Insulation side. Surface exposure. Flame exposure time was 15 seconds.

**Test results**

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	↑	↑	↑
The sample ignited, s	7	6	6	7	7	7
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-*
Flaming droplets/particles	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

\*Flaming ceased before the flame tip reached 150 mm.

**Application**

Insulation side. Edge exposure. Flame exposure time was 15 seconds.

**Test results**

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	↑	↑	↑
The sample ignited, s	2	2	3	2	2	2
The flames reach 150 mm, s	-*	17	16	-*	-*	15
Flaming droplets/particles	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

\*Flaming ceased before the flame tip reached 150 mm.

**Measured data**

Thickness 49 mm approximately.

Area weight 7.8 – 8.0 kg/m<sup>2</sup>.

Density 1600 kg/m<sup>3</sup> approximately.

## Appendix 1

**Conditioning**

According to EN 13238:2010.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

**Date of test**

April 22, 2025.

# Verifikat

Transaktion 09222115557545297065

## Dokument

O100741-1315327 Decibel EN ISO 11925-2  
Huvuddokument  
5 sidor  
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Guzman (MG)  
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## Initierare

Manuel Guzman (MG)  
RISE Research Institutes of Sweden AB  
Org. nr 556464-6874  
manuel.guzman@ri.se  
+46 10 516 52 78


## Signerare

Per Thureson (PT)  
per.thureson@ri.se



Signerade 2025-04-28 10:14:21 CEST (+0200)

Richard Johansson (RJ)  
richard.johansson@ri.se



Signerade 2025-04-28 09:00:57 CEST (+0200)

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