

**CLASSIFICATION OF REACTION TO FIRE
IN ACCORDANCE WITH EN 13501-1:2018**

Sponsor: LG Hausys Ltd.
10 Gookjegeumyoong-Ro, Yeongdeungpo-gu
Seoul 07326, Republic of Korea

Prepared by: Eurofins Expert Services Oy
Kivimiehentie 4, Espoo
FI-02150 Espoo, Finland

Notified Body No: 0809

Product: LG Hausys Acoustic Looselay (Acoustic Decolay)

Classification report No: EUFI29-19003455-T16

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This classification report consists of three pages and may be used or reproduced in its entirety.

1 Introduction

This classification report defines the classification assigned to the product LG Hausys Acoustic Looselay (Acoustic Decolay) in accordance with the procedures given in EN 13501-1:2018.

2 Details of classified product

2.1 General

The product LG Hausys Acoustic Looselay (Acoustic Decolay) is defined as floor covering.

2.2 Product description

The product LG Hausys Acoustic Looselay (Acoustic Decolay) is described below.

Manufacturer: LG Hausys

Description of product: PVC heterogeneous tile

Total thickness: 5.0 mm (controlled by Eurofins)

Composition of the product:

First layer: Wear layer 0.55 mm

Second layer: Printed layer 0.10 mm

Third layer: Base1 layer 0.60 mm

Fourth layer: Base2 layer 1.20 mm

Fifth layer: Base3 layer 2.4 mm

Sixth layer: Backing layer 0.15 mm

3 Test reports and test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report	Test method and date
Eurofins Expert Services Oy	LG Hausys Ltd.	EUFI29-19003455-T8	EN ISO 11925-2 EN ISO 9239-1 12 August 2019

3.2 Test results

Test method	Parameter	Number of tests	Continuous parameter mean (m)	Compliance with parameters
EN ISO 11925-2: 15 s exposure	Flame spread ≤ 150 mm	6	-	Compliant
EN ISO 9239-1	Critical flux (kW/m ²)	4 ¹⁾	11	Compliant
	Smoke (% x min)	4 ¹⁾	126	Compliant

1) Test specimens mounted loose laid to fibre cement board (8 ± 2) mm, (1800 ± 100) kg/m³ substrate.

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2 Classification

The product LG Hausys Acoustic Looselay (Acoustic Decolay) in relation to its reaction to fire behaviour is classified:

B_{fl}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire behaviour		Smoke production	
B_{fl}	-	s	1

i.e.: B_{fl} -s1

4.3 Field of application

This classification is valid for the following product parameters:

- Total thickness: 5.0 mm
- Different colours

This classification is valid for the following end use application:

- Mounted to the substrate with or without an adhesive
- The substrate is of class $A1_{fl}$ or $A2_{fl}$ with a density of at least 1350 kg/m^3

5 Limitations

This classification report does not represent type approval or certification of the products.

Espoo, 12 August 2019

Matti Lanu
Business Unit Manager

Tiia Rynänen
Business Development Manager

DISTRIBUTION Customer, electronically approved