

**Test report no.:** 241283

**Customer:** Pineapple Contracts  
Unit 12, Westmead  
Aylesford, Maidstone  
GB – Kent ME20 6XJ

**Order:** Single flame test and Reaction to fire classification  
according to DIN 4102-1: 1998-08

**Letter of:** 2025-03-26 **Your reference:** LLNPD260325

**Samples received:** 2025-04-07 **Taking:** ---

**Test period:** 2025-04-07 to 2025-04-17

This test report includes 4 pages.

The test results refer only to the behaviour of the samples of a product subjected to the special conditions during the test; they are not to be understood as the sole criterion for assessing the potential fire hazard of the product in the practical application. This document does not represent type approval or certification of the building product.

Würzburg, 23 April 2025  
Reu/see

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The original language of the test report is German. In case of doubt the German version is obligatory.

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The results refer to the products tested. The scope of accreditation is available on the Internet at [www.skz.de](http://www.skz.de).

## 1. Order

By its order no. LLNPD260325 dated 26<sup>th</sup> March 2025, the company Pineapple Contracts, Westmead, Aylesford, Kent ME20 6XJ instructed the SKZ - Testing GmbH with testing the fire behavior and the corresponding reaction to fire classification according to DIN 4102-1.

## 2. Test material

On 7<sup>th</sup> April 2025, the SKZ - Testing GmbH received 12 samples 250 x 90 mm consisting of raw natural cork used for acoustic tiles of series "Hush".

Specimens measuring 190 x 90 mm and 230 x 90 mm were taken from these for the fire tests.

The SKZ – Testing GmbH had no further information about the composition, the production and the final application of the testing material.

## 3. Experiments

Usually, we carry out tests according to standards for which we have an accreditation. The list of all standards for which we are accredited can be viewed as an annex to the accreditation certificate on the homepage at <https://www.skz.de/en/testing/products>. In case of non-accredited procedures, they are marked with \*. If it is only a matter of deviating test conditions of an accredited standard, this is marked with #.

In case that a conformity assessment is issued, the general decision rule is as follows: The measurement uncertainty and the standard deviation are not taken into account. Deviations from this rule are only made at the customer's request, in the case of standard specifications or other specifications about which the customer is informed in each individual case.

#### Single flame tests according to DIN 53438-2: 1984-06 and DIN 53438-3: 1984-06

Before testing, the samples and the filter paper were conditioned according to DIN EN 13238: 2010-06 until they reached constant weight.

The fire tests were carried out according to DN 53438-2 (edge test) and DIN 53438-3 (surface test) with 5 samples.

The flame exposure period was 15 s. All samples were tested freely suspended without a substrate.

#### 4. Test results

The test results are summarized in the following tables.

**Table 1:** Results of the fire tests – surface test

Sample „Hush Acoustic Tile“		Surface test				
No substrate		Tested freely suspended				
Sample		1	2	3	4	5
Thickness	mm	13-15	13-15	13-15	13-15	13-15
Ignition after	s	7	7	8	8	6
Flame height > 150 mm	s	no	no	no	no	no
Time <sup>1)</sup>		---	---	---	---	---
Flame height after 20 s	mm	50	50	50	55	50
Afterglow	s	no	no	no	no	no
Ignition of the filter paper		no	no	no	no	no

**Table 2:** Results of the fire tests – edge test

Sample „Hush Acoustic Tile“		Edge test				
No substrate		Tested freely suspended				
Sample		1	2	3	4	5
Thickness	mm	10-18	10-18	10-18	10-18	10-18
Ignition after	s	1	1	1	1	1
Flame height > 150 mm	s	no	no	no	no	no
Time <sup>1)</sup>		---	---	---	---	---
Flame height after 20 s	mm	65	65	70	70	65
Afterglow	s	no	no	no	no	no
Ignition of the filter paper		no	no	no	no	no

## 5. Classification

In terms of fire behavior in accordance with DIN 4102-1: 1998-08, the raw natural cork material used for the “Hush Acoustic Tiles” can be classified in the **building material class B2**.