

TEST REPORT

Standard EN 13501-1 (12/2018)

Fire classification of construction products and building elements

Part 1: Classification using data from reaction to fire tests

CIKELAST CIKAUTXO

LABORATORY TEST REPORT N° R210717-A1

LE MANS, 31/08/2021

This report is composed of 3 pages and 6 annexes.

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The results are valid only for the tested products as described in this report.

1 ■ CLIENT DETAILS

Company: **CIKAUTXO**
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Date of order: 16/06/2021

Date of sample reception: 10/06/2021 – Red tile

Sample reference: 030368 - **CIKELAST RED TILE – Batch number : 1662308001**
Date of production batch : 18/08/2021

2 ■ SAMPLES

Product name	CIKELAST RED
Picture	
Description	<u>Composition:</u> Approx 5-10% oil + 63-68% inorganic filler + 20-24% Polymer Mass per unit area : 2.7 kg/m ² Approx thickness of the tested product : 5.0mm

Samples have been provided by the client and results apply to sample as received.

3 ■ TEST PROGRAM

The European Directive 89/106/EEC of 1989 is the Directive Products for Construction, relative to the requirements of reaction to fire of the construction products.

This Directive aims for harmonizing between the various member states, the tests methods as well as the products classification.

The tests method and products classification are specified in EN 13501-1 standard "Fire classification of products and construction elements. Part 1: classification from fire reaction tests data.

For floor surfaces category, the reaction to fire of products is tested with the help of tests of increasing request:

- Punctual attack by small flame (EN ISO 11925-2): this test simulates the attack of a flame and estimates the flammability of the product
- Attack by flooring radiant panel (EN ISO 9239-1): this test estimates the critical flow under which one the flames do not spread. This test also estimates the smoke production.

According to the results, products are classified in 7 families:

- A1fl and A2fl: The reaction to fire is nil or very low
- B_{fl}, C_{fl}, D_{fl}, E_{fl}: For respectively low, limited, moderate and important reaction to fire
- F_{fl}: Very important reaction to fire or product not subjected to the tests

The 7 levels are specified by indications s1 and s2, concerning the opacity of produced smokes according to quantities and speeds: weak (s1) and medium (s2).

4 ■ CONCLUSION

Detailed results are presented in the report n° **21.04186.01 from 26/08/2021** here enclosed.

According to this report, the product « **CIKELAST** » provided by **CIKAUTXO** is classified as follows: **B_{FL} / s1**.

Le Mans, 31/08/2021



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