

# Report of the classification of the reaction to fire behaviour

**No. 231001837**  
dated 22.02.2023

**English Version**

**Sponsor<sup>1)</sup> :** ActiNa srl  
Avenue Thomas Edison, 182  
  
1402 NIVELLES  
Belgien

**Order:** Reaction to fire classification according to DIN EN 13501-1:2019-05

**Date of order:** 10.02.2023

**Name of the classified building product:**

Mineral plaster named „Archikal“<sup>2)</sup>

This report determines the classification of the above-mentioned building product according to the method specified in DIN EN 13501-1 (German Version EN 13501-1:2007+A1:2009).

- 1) The product was sent in for the test by a different sponsor.
- 2) The product was sent in for the test under a different name.

## 1 Description of the building product

Mineral plaster "Archikal": Plaster made of marble grain, marble powder, marble lime hydrate, cellulose, methyl cellulose and vegetable starch; Grain 0.5 mm.

Colour: white

## 2 Test reports and test results which form the basis of the classification

### 2.1 Test reports

Name of the laboratory	Sponsor	Number of the test report	Test method
MPA NRW	Information about the sponsor are stored in the files of MPA NRW	231001739-1 vom 23.12.2022 und 231001739-2 vom 23.12.2022	DIN EN ISO 1716 DIN EN ISO 1182

### 2.2 Test results

Test method	Parameter	Number of tests	Test results
			Average values
DIN EN ISO 1716	$Q_{PCSSubst.}$	6	0.1 MJ/kg
DIN EN ISO 1182	$\Delta T$ $\Delta m$ tf	10	2 °C 14 % 0 s

## 3 Classification and direct field of application

### 3.1 Reference

The classification was carried out in accordance with clauses 11 and 14 of the standard DIN EN 13501-1: 2019-05.

### 3.2 Classification

The tested mineral fibre wire mesh mat is classified with regard to its reaction to fire as: A1

The additional classification with regard to smoke production is: --

The additional classification with regard to flaming droplets / particles is: --

This results in the following reaction to fire classification of the tested material:

Reaction to fire	Smoke production	Flaming droplets / particles
<b>A1</b>	--	--

i.e. **A1**

### 3.3 Field of application of the product

The classification is solely valid for the white plaster with a grit from 0.5 mm to 1.4 mm described in clause 1.


## 4 Restrictions

This classification report does not replace any type approval or certification of the product.

This classification report written in English language is issued additionally to the report written in German language with same report number. In case of doubt, the German version is valid solely.

Erwitte, 22.02.2023

On behalf

  
 Dipl.-Ing. Kühnen  
 (Deputy Head of the testing body)



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