

**CLASSIFICATION ON REACTION TO FIRE  
IN ACCORDANCE WITH EN 13501-1: 2010-01**

**Classification report no.:**

K-2300/429/17-MPA BS

**Client:**

Schomburg GmbH & Co. KG  
Aquafinstraße 2 – 8  
32760 Detmold, Germany

**Prepared by:**

Materialprüfanstalt für das Bauwesen  
Beethovenstraße 52  
38106 Braunschweig, Germany

**No. of the notified body:**

0761-CPD

**Product name:**

“AQUAFIN-2K/M-Plus”

**Version no.:**

1

**Version date:**

12/12/2017

**Validity period:**

unlimited

This classification report consists of 5 pages.



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## 1 Introduction

This classification report on reaction to fire specifies the classification assigned to the construction product "AQUAFIN-2K/M-Plus" in compliance with the procedure stipulated in EN 13501-1:2010-01.

## 2 Details of the classified construction product

### 2.1 General

The construction product "AQUAFIN-2K/M-Plus" belongs to the product type: *liquid-applied waterproofing materials in conjunction with tiles and paving or mineral waterproofing slurries for construction waterproofing*.\*.

### 2.2 Description

The construction product "AQUAFIN-2K/M-Plus" is described in full in the test report listed in Section 3.1 that forms the basis of the classification.

## 3 Test reports and test results on which the classification is based

### 3.1 Reports

Name of testing laboratory	Name of the client	Report no.	Test procedure(s) / date
MPA Braunschweig	Schomburg GmbH & Co. KG Aquafinstraße 2 – 8 32760 Detmold, Germany	2300/429/17-a of 12/12/2017	DIN EN ISO 11925-2 2011-02

### 3.2 Results

Test procedures	Parameters	Number of tests	Results	
			Continuous parameters (Mean value)	Discrete parameters
EN ISO 11925-2				
Surface ignition 15 s	F <sub>s</sub> ≤ 150 mm	6	--	fulfilled
Burning droplets/falling particles	Ignition of filter paper	6	--	No

\* Information provided by the client

Test procedures	Parameters	Number of tests	Results	
			Continuous parameters (Mean value)	Discrete parameters
EN ISO 11925-2				
Edge ignition 15 s	Fs ≤ 150 mm	6	--	fulfilled
Burning droplets/falling particles	Ignition of filter paper	6	--	No

#### 4 Classification and field of application

##### 4.1 Reference for classification

The classification was carried out in accordance with DIN EN 13501-1:2010-01.

##### 4.2 Classification

The construction product "AQUAFIN-2KM-Plus" is classified as follows with regard to its reaction to fire.

**E**

The additional classification for smoke development is:

**No requirements**

The additional classification for burning droplets/falling particles is:

**Fulfilled**

The format for classifying the reaction to fire for construction products, excluding floor coverings and pipe insulation, is:

Reaction to fire	Smoke development			Burning droplets		
<i>E</i>	--	--	--	--	--	--

**Classification of reaction to fire: E**



### 4.3 Field of application:

This classification is valid for the following product parameters:

Parameters	Scope of validity of the classification
Product name:	"AQUAFIN-2K/M-Plus"*
Type of material:	2-component mineral waterproofing slurries*
Density:	1,586 kg/m <sup>3</sup> ± 100 kg/m <sup>3</sup>
Coating thicknesses:	2 mm ± 0.1 mm
Substrate:	Applied to solid mineral substrates of Euroclass A1 or A2-s1 d0, with a thickness of ≥ 6 mm and a density of ≥ 1,350 kg/m <sup>3</sup>

The classification is valid for the following end use:

Mineral waterproofing slurries for construction waterproofing

Construction Products List A, Part 2, sequential no. 2.49)

- The waterproofing of floor panels and concrete outer wall surfaces in contact with the ground against soil moisture (capillary water, retained water) and non-standing seepage water
- The horizontal waterproofing in and under walls against capillary rising water
- The waterproofing of outer walls in contact with the ground against standing seepage water and pressing water
- The sealing of containers against water pressing from the inside (swimming pools, water containers, water reservoirs etc.) for indoor and outdoor use

Liquid-applied waterproofing material in conjunction with tiles and paving

Construction Products List A, Part 2, sequential no. 2.50)

- Wall and floor surfaces in rooms subject to direct stress and in which waste water and cleaning water is used very frequently or over a long period of time; for instance, areas surrounding swimming pools and areas in shower facilities (public or private)
- Wall and floor surfaces in outside areas that are joined to buildings, where these surfaces are very frequently or continuously covered with waste and cleaning water; for instance, walls and floor surfaces of swimming pools connected directly to buildings
- Wall and floor surfaces of containers such as swimming pools and drinking water storage tanks that are used in indoor and outdoor areas and are<sup>1</sup> subject to direct stress from being filled with water having drinking water characteristics, if these are connected directly to buildings

<sup>1</sup> For mineral and brine basins, for example, additional verification may be required in individual cases.

## 5 Please note

- 5.1 When combined with other construction materials, spacings, fastenings, joint constructions/connections, thickness or density ranges and coatings other than those specified in Section 3.1, the reaction to fire may be impaired to the extent that the classification in Section 4.2 is no longer valid. The reaction to fire for parameters other than those stated above is to be verified separately.
- 5.2 This classification report is not a type approval or product certification and does not replace any technical certificates that may be necessary under German construction law (state building codes).

This document is the translated version of Classification Report no. K-2300/429/17-MPA BS dated 12/12/2017. The legally binding text is the aforementioned German Classification Report.

Signature

Tech. officer K. Feustel-Prause  
Engineer/Official in Charge



Confirmed

ORR/Dr.-Ing. G. Blume  
Head of Testing Laboratory