

## Classification Report

Report no. ETE 041/19Date: 11/04/2019

### Classification of reaction to fire of construction products and building elements (EN 13501-1:2007+A1:2009)

#### Request by:

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#### Prepared by:

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#### Data of the product:

Description of the product: Interior decorative mortarSampling responsibility (\*): Customer

#### Classification Report:

Issue number: ETE041/19Date of issue: 11/04/2019

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

## 1. Introduction

This classification report defines the classification assigned to Interior decorative mortar in accordance with the procedures given in EN 13501-1:2007+A1:2009 «Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests».

## 2. Details of classified product

### 2.1 General

The product, Sibextreme AF, is defined as a Interior decorative mortar.

**Notes:** The results presented refer exclusively to the tested specimens.

Data reported with (\*) supplied by customer.

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## 2.2 Product description

The product, Sibextreme AF, is generically described below. The product is fully described in the test reports provided in support of classification listed in Clause 3.1.

### Product description:

Manufacturer (\*): CTCV  
 Customer Reference (\*): Sibextreme AF  
 Nominal Thickness: 20 mm (maximum)  
 Density: 2250 kg/m<sup>3</sup> +/- 0.200  
 Weight / unit area: 2250 g/m<sup>2</sup> (per millimeter of thickness)

## 3. Reports and results in support of this classification

### 3.1 Test Reports

Name of Laboratory	Name of sponsor	Test Report ref. no	Test method and date
Itecons	Centro Tecnológico da Cerâmica e do Vidro	ETE038/19	ISO 1182:2010 carried out in 26/03/2019
Itecons		ETE037/19	ISO 1716:2010 carried out in 18/02/2019

### 3.2 Test Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter (mean)	Compliance with parameters
ISO 1182:2010	$\Delta T$ (°C)	5	0.7	Compliant with $\Delta T \leq 30$ °C
	$\Delta m$ (%)		25.7	Compliant with $\Delta m \leq 50\%$
	tf (s)		0.0	Compliant with $tf = 0$ s
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ISO 1716:2010	Q PCS (MJ/m <sup>2</sup> )	3	0.4	Compliant with $Q \text{ PCS} \leq 4,0$ MJ/m <sup>2</sup>
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#### 4. Classification and field of application

##### 4.1 Reference of classification

This classification has been carried out in accordance with clause 12 of EN 13501-1:2007+A1:2009, September of 2009.

##### 4.2 Classification

The product, Sibextreme AF, in relation to its reaction to fire behaviour is classified:

**A1 fl**

The additional classification in relation to smoke production is:

**No classification**

The additional classification in relation to flaming droplets / particles is:

**No classification**

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

			Smoke Production			Flaming Droplets
<b>A1 fl</b>	-	-	-	,	-	-

i.e., **A1 fl**

**Reaction to fire classification: A1 fl**

##### 4.3 Field of application

This classification is valid for the product Interior decorative mortar, with ref. Sibextreme AF, manufactured by CTCV, for the following parameters:

Nominal Thickness: 20 mm (maximum) (no variation in thickness allowed)

Density: 2250 kg/m<sup>3</sup> +/- 0.200 (no variation in density allowed)

Weight / unit area: 2250 g/m<sup>2</sup> (per millimeter of thickness) (no variation in weight/unit area allowed)

The classification applies only to the product produced with the same type of raw materials and in the same proportions.

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## 5. Limitations

This classification document does not represent type approval or certification of the product.

Report Author

Technical responsibility

Administration

XAUT

XSTC

XDIR

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