

# Classification report

Reaction to fire of construction products

N° 19-004803-PR02  
(KB-K88-01-en-01)



Client S.C. Massiv Forest Products S.R.L.  
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327055 Buchin/Caras-Sever  
Romania

Notified body **ift Rosenheim GmbH**  
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83026 Rosenheim, Germany

Number of notified body **0757**

Issue **1**

Product / Building material **Coated Beech wood**

Designation **"CRAFTWAND®"**

## Basis

DIN EN 13501-1:2010-01  
Fire classification of construction products and building elements  
Part 1: Classification using test data from reaction to fire tests  
Report 19-004803-PR01 (PB-K88-01-de-01) dated 08.06.2020

## Instructions for use

This classification report on the reaction to fire defines the classification assigned to the building material according to its product name in conformity with the methods set out in DIN EN 13501-1.

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

## Validity

The data and results given relate solely to the tested and described test specimen.

## Notes on publication

The **ift** Guidance Sheet "Conditions and Guidance for the Use of **ift** test reports" applies.

No part of this classification report may be used or reproduced as an extract.

## Contents

The report contains a total of 5 pages.

- 1 Introduction
- 2 Details of the classified product
- 3 Test reports and test results to justify this classification
- 4 Classification and field of application
- 5 Restrictions



Classification of reaction to fire  
DIN EN 13501-1

**Class E**

**ift Rosenheim**  
08.06.2020

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## 1 Introduction

This classification report on reaction to fire defines the classification assigned to the cavity bars and insulating bars with the designation "CRAFTWAND®" in conformity with the methods set out in DIN EN 13501-1.

## 2 Details of the classified product

### 2.1 General

The building products with the designation "CRAFTWAND®" is not subject to any product standard<sup>1</sup>.

### 2.2 Description

The construction products with the designation "CRAFTWAND®" are described in the reference report to justify the classification, listed in section 3.1.

#### **Product description:**

see test report in section 3.1.

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<sup>1</sup> Data provided by the client

### 3 Test reports and test results to justify this classification

The following test reports, test results and evaluations have been provided to justify this classification.

#### 3.1 Test Reports

**Table 1** Test reports

Name of the testing laboratory	Client	N° of test report	Test method
ift Rosenheim Notified body: 0757	S.C. Massiv Forest Products S.R.L.	19-004803/PR01 (PB-K88-01-de-01) Date: 08.06.2020	DIN EN ISO 11925-2

#### 3.2 Test results

**Table 2** Test results

Test method and test number	Parameters	Number of tests <sup>a</sup>	Results	
			Continuous parameters Mean value (m)	Compliance Parameters
DIN EN ISO 11925-2 15 s surface flame exposure <sup>*</sup> 15 s edge flame exposure	$F_s \leq 150$ mm flaming droplets/particles	12	( - )	yes
		12	( - )	no
	$F_s \leq 150$ mm	6	( - )	yes
	flaming droplets/particles	6	( - )	no
Comments: <sup>a</sup> ) does not apply to extended application <sup>*</sup> ) as required by the end use application ( - ) not applicable				

## 4 Classification and field of application

### 4.1 Reference for classification

This classification is based on DIN EN 13501-1.

### 4.2 Classification

The building products with the designation "CRAFTWAND®" qualify for the following reaction to fire classification:

E

The additional classification in relation to smoke production is:

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

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The format of the reaction to fire classification for the construction product is:

**Table 3** Classification of reaction to fire as per DIN EN 13501-1

<i>Reaction to fire</i>		<i>Smoke production</i>				<i>Flaming droplets</i>	
<b>E</b>	-	<b>s</b>	--	,	<b>d</b>	--	
<b><i>Reaction to fire classification: E</i></b>							

### 4.3 Field of application

This classification is valid for the following product parameters:

- For Coated Beech wood used for interior spaces; offices, residential, retail, hospitality, public spaces, space dividers, furniture, decoration
- For Coated Beech wood with a wood density between 650-700 kg/m<sup>3</sup>
- For Coated Beech wood of with a thickness between 15 mm to 150 mm
- For Coated Beech wood in a colour range from "neutral" wood to dark (black), ie. natural wood; light colour example: RAL6019; medium colour example: RAL5012; dark colour example: RAL9005. All RAL colours available.

The Coated Beech wood products, with the designation "CRAFTWAND®" must comply with the deposited descriptions, (see test report ift Rosenheim 19-004803-PR01 (PB-K88-01-de-01)).



This classification is valid for the following product parameters:

The surface of the finished construction product shall remain uncoated and/or shall be coated as tested and documented (see test report ift Rosenheim 19-004803-PR01 (PB-K88-01-de-01)).

## **5 Restrictions**

### **5.1 General**

The composition of the products must be in conformity with the data retained at the **ift** Rosenheim.

When combined with building materials, substrates or coatings other than specified in Section 4.3, the reaction to fire may be influenced to such a negative extent that the classification given in Section 4.2 becomes invalid. The reaction to fire in combination with different building materials, substrates or coatings shall be demonstrated separately.

### **5.2 Warning**

This classification document does not represent type approval or certification of the product. It is not a substitute for evidence that may have to be provided in the framework of national technical verifications of applicability / approvals subject to the Building Codes of the German Laender.

ift Rosenheim  
08.06.2020