

**CLASSIFICATION OF FIRE RESISTANCE PERFORMANCE  
IN ACCORDANCE WITH EN 13501-2:2007+A1:2009**

<b>Sponsor</b>	: İZOCAM TİC. SAN. ve A.Ş Altay Çeşme Mah. Öz Sokak No:19 K:6 Maltepe - İSTANBUL / TURKEY
<b>Prepared by</b>	: EFFECTIS ERA AVRASYA Test ve Belgelendirme A.Ş. TOSB TAYSAD Organize San. Böl. 1. CD. 15. Yol No: 1 Şekerpınar - Çayırova KOCAELİ / TURKEY
<b>Product name</b>	: <i>Stone Wool Filled Roof Panel System – SPC 1000</i>
<b>Classification report No.</b>	: EEA - 15 - 092
<b>Issue number</b>	: 1/2
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This classification report consists of 10 pages and may only be used or reproduced in its entirety.

## 1. INTRODUCTION

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This classification report defines the classification in accordance with the procedures given in EN 13501-2:2007+A1:2009, assigned to 'Stone Wool Filled Roof Panel System – **SPC 1000**'.

## 2. DETAILS OF CLASSIFIED PRODUCT

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### 2.1. General:

The element, 'Stone Wool Filled Roof Panel System – **SPC 1000**', is defined as a type of product.

### 2.2. Description:

'Stone Wool Filled Roof Panel System – **SPC 1000**', is fully described below.

#### 2.2.1. General

Product identification : Stone Wool Filled Roof Panel System – **SPC 1000**

Direction of fire : Below the Roof Panel System

Manufacturer : İZOCAM TİC. SAN. ve A.Ş.  
Dilovası O.S.B. Dicle Cad. 1. Kısım No:8 41455 Dilovası, KOCAELİ / TURKEY

Sponsor of test : İZOCAM TİC. SAN. ve A.Ş.  
Altay Çeşme Mah. Öz Sokak No:19 K:6 Maltepe, İSTANBUL / TURKEY

#### 2.2.2. Construction

"Stone Wool Filled Roof Panel System – **SPC 1000**" was constructed from horizontally positioned roof panels.

Two horizontal edges were constructed as free edge to simulate a wider roof construction in practise.

For further information, see Figure 1-4.



## 4. CLASSIFICATION AND FIELD OF APPLICATION

### 4.1. Reference of classification

This classification has been carried out in accordance with clause 7.3.3 of EN 13501-2:2007+A1:2009.

### 4.2. Classification

'Stone Wool Filled Roof Panel System – **SPC 1000**' is classified according to the following combinations of performance parameters and classes:

<b>FIRE RESISTANCE CLASSIFICATION</b>
<b>RE 120, REI 120</b>

### 4.3. Field of application

#### 4.3.1 General

This report details the method of construction, the test conditions and the results obtained when the specific element of construction described herein was tested following the procedure outlined in EN 1363-1:2012, and where appropriate EN 1363-2:1999. Any significant deviation with respect to size, constructional details, loads, stresses, edges or end conditions other than those allowed under the field of direct application in the relevant test method is not covered by this report.

#### 4.3.2 Construction

The test results are directly applicable to an untested similar floor / ceiling construction provided the following is true:

##### 4.3.2.1 With respect to the structural building member

- With maximum bending moments and shear forces no larger than tested (13,3 kg/m<sup>2</sup>)

##### 4.3.2.2 With respect to the inclination of roof constructions

- With an angle 0° to 25°

Regarding this field of application it is also required that construction elements, which are connected to the tested construction have a fire resistance which is at least equal to that of the floor / ceiling construction.



## 5. LIMITATIONS

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

Signed:

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Sinem ÖZTÜRK  
Person in the charge of tests



Approved:

.....  
Onur DAĞ  
Operation Manager