



EFFECTIS ERA AVRASYA TEST VE BELGELENDİRME A.Ş.  
Dilovası OSB 5. Kısım Fırat Caddesi No:18  
41455 Dilovası KOCAELİ  
www.effectis.com

## ***Declaration of the Fire Resistance Performance According to TS EN 1634-1***

This document issued by Efectis Era Avrasya in consequence of ORBİS PASİF YANGIN KORUMA TEKNOLOJİLERİ AHMET MÜNİR KARACABEY application as the producer of intumescent fire seals.

The fire resistance test of single leaf fire door fitted with related intumescent seal carried out on 05.09.2017 in EFFECTIS ERA AVRASYA laboratory and issued test and classification report. The details of the test and the intumescent seal defined below.

### **Details of the related fire resistance test:**

Test Standard : TS EN 1634-1  
Test Report Number : RFTR 17148  
Classification Report Number : EEA-17-098

### **Details of the intumescent seal which was used in test specimen:**

Brand Name and Code : INTUFLEX - 800.10.3015

### **Technical Specifications Declared by Producer:**

Graphite based green intumescent material  
Tensile Strength : Tearable  
Buckling Strength : Cracks at "0" but no break  
Expansion Capacity : 32,60 times under 400°C / 20 min  
Foam Consistency : Compact foam  
Expanding pressure [N/mm<sup>2</sup>]: 300°C / 0,36

Name and Address of the Producer : ORBİS PASİF YANGIN KORUMA TEKNOLOJİLERİ  
AHMET MÜNİR KARACABEY  
Mimar Sinan Mah. Üsküdar Cad. YEDPA Ticaret  
Merkezi D Caddesi No:57 Ataşehir/İSTANBUL

Location : Contact point between the frame and the leaf, on the  
frame and the leaf (1 layer)

Dimensions : 30 x 1,5 mm (w x t)

Direction of the test specimen : Opening towards to fire.

### **Results of the test according to TS EN 13501-2:**

**E 120, EI<sub>2</sub> 60, EI<sub>1</sub> 30**

This document is only interprets together with related test report. This certificate is initially valid until 03<sup>rd</sup> April 2019 providing that no significant modifications are made in technical specification of the specimen and related test and classification standards.

Regards,

Ali BAYRAKTAR  
Laboratory Manager

03.04.2018 - Kocaeli

