

TALEP NO: 413797

Request No.

**TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI YAPI MALZEMELERİ  
YANGIN VE AKUSTİK LABORATUVAR MÜDÜRLÜĞÜ LABORATUVARI  
MÜDÜRLÜĞÜ**

*TSE Headship Of Test And Calibration Center Construction Materials Fire And Acoustics Laboratory Directorate*

Yapı Malzemeleri Yönetmeliği(305/2011/AB)  
Construction Products Regulation(305/2011/EU)

**ONAYLANMIŞ KURULUŞ : 1783**  
NOTIFIED BODY : 1783

TS EN 13501-1

**YANGINA TEPKİ SINIFLANDIRMA RAPORU**

*REACTION TO FIRE CLASSIFICATION REPORT*

**Talep Eden**  
Applicant

: Kimteks Poliüretan San. ve Tic. A.Ş.

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**Markası,Ticari Modeli,Tipi**  
Trade Mark, Commercial Model,Type  
**Ürün Tanımı**  
Product description

: KIMspray RS - 034  
KIMspray RS - 034  
: Püskürtme ile yerinde uygulanan kapalı hücre poliüretan (PUR)  
Closed cell polyurethane (PUR) applied on-site by spraying

**YANGINA TEPKİ SINIFI**  
*REACTION TO FIRE CLASSIFICATION*

**E**

**Rapor Değerlendirme Tarihi**  
Date of Issue

: 23.06.2020



**Onaylayan**  
Approved

Bu rapor 3 sayfadır ve kısmen çoğaltılamaz.  
This report is composed of 3 pages and cannot be copied partially.

## 1. INTRODUCTION

This classification report defines the classification assigned to the product **KIMspray RS – 034– Closed cell polyurethane (PUR) applied on-site by spraying** in accordance with the procedures given in the standard TS EN 13501-1:2019 using data from reaction to fire tests.

## 2. FEATURES OF THE CLASSIFIED PRODUCT

### 2.1. General

The classified product is defined as KIMspray RS - 034– Closed cell polyurethane (PUR) applied on-site by spraying.

### 2.2. Product Description

Arrival Date	04.06.2020
Trademark	KIMspray RS - 034
General Description	Closed cell polyurethane (PUR) applied on-site by spraying
Related Specification(s)	TS EN 14315-1
<b>Samples Properties (Designated Features)</b>	
Thickness	60,0 mm (Sponsor declaration) – (The average value determined by the laboratory)
Surface	Sprayed natural surface, smooth, uniform
Density	35,0 kg / m <sup>3</sup> (Sponsor declaration) 48,0 kg/m <sup>3</sup> (The average value determined by the laboratory)
Type	Polyurethane (PUR)

## 3. TEST REPORTS AND RESULTS

### 3.1 Test Reports

Following test reports were taken into account in the determination of this classification

Laboratory	Sponsor	Test Report Reference No	Test Method
TSE Construction Materials Fire and Acoustics Laboratory	Kimteks Poliüretan San. ve Tic. A.Ş.	534314 / 06-20	TS EN ISO 11925 (April 2011)

### 3.2 Test Results

Test Method	Parameter	Number of Tests	Test Results	
			Mean of continuous parameters	Mean of continuous parameters
TS EN ISO 11925-2	F <sub>s</sub> in 20 s ≤ (150 mm)	12 (6+6*)	(-)	Flames did not reach 150 mm threshold
	No ignition of filter paper		(-)	No ignition

(-) Not applicable, 6 times from the edge and 6\* times from the surface.

## 4. CLASSIFICATION AND DIRECT FIELD OF APPLICATION

### 4.1. Reference

This classification has been carried out in accordance with clause 11.3 and 11.10 of TS EN 13501-1:2019.

### 4.2. Classification

In relation to its reaction to fire behaviour, the product KIMspray RS - 034– Closed cell polyurethane (PUR) applied on-site by spraying has been classified as:

E

Fire Behaviour	Smoke Production	Flaming Droplets
E	Not classified	Not classified

## Reaction to Fire Class: E

### 4.3. Field of Application

This classification is valid for the products manufactured with the same recipe, same type, under the same product name with product details defined in 2 in the following end use applications:

Thickness	All thicknesses
Density	48 ± %15 (40,8 kg/m <sup>3</sup> – 55,2 kg/m <sup>3</sup> )
Type	Polyurethane (PUR)

## 5. LIMITATIONS

At the time of publishing of the standard TS EN 13501-1:2019, there wasn't any decision concerning the duration of validity of a classification report.

### Prepared by

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### Approved by

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