



TÜRK STANDARDLARI ENSTİTÜSÜ
DENEY ve KALİBRASYON
MERKEZİ BAŞKANLIĞI
YAPI MALZEMELERİ YANGIN VE AKUSTİK
LABORATUVAR MÜDÜRLÜĞÜ



Test
TS EN ISO/IEC 17025
AB-0001-T

AB-0001-T

272034

09-22

TURKISH STANDARDS INSTITUTION
HEADSHIP OF TSE TEST and CALIBRATION CENTER
CONSTRUCTION MATERIALS FIRE AND ACOUSTICS LABORATORY

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MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden/Firma : (Adı, Adresi, Şehir vb.) Requesting/Customer (Name, Address, City etc.)	AKGÜN YAPI VE ZEMİN KAPLAMALARI SAN. VE DİŞ TİC. LTD. ŞTİ. A.Ş.
Deney Talep Tarih / No : Order Date/No.	22.08.2022 / 2022-151659
Numunenin Tanımı : (Cins, Marka, Sınıf, Tip, Tür, Model vb.) Sample Description (Type, Mark, Class, Model etc.)	2022-250478, PVC/SPC FLOOR COVERING, AREA FLOORS, -, 2.00, metrekare
Numune Kabul Tarihi : Sample Receipt Date	25.08.2022
Deneylerin Yapıldığı Tarih : Date of Test	26.08.2022 / 06.09.2022
Uygulanan Standart Metot : Applied Standard/Method	TS EN 13501-1/Yapı mamulleri ve yapı elemanları, yangın sınıflandırması bölüm 1: Yangın karşısındaki davranış deneylerinden elde edilen veriler kullanılarak sınıflandırma
Raporun Sayfa Sayısı : Number of pages of the report	4
Deney Sonucu : Test Result	-
Açıklamalar : Remarks	

Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir.
The testing and /or measurement results are given on the following pages which are part of this report.

Deney laboratuvarları olarak faaliyet gösteren TSE Deney ve Kalibrasyon Merkezi Başkanlığı Deney Laboratuvarları TÜRKAK'tan AB-0001-T ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir.
TSE Headship of Test and Calibration Center Testing Laboratories accredited by TÜRKAK under registration number AB-0001-T for TS EN ISO/IEC 17025:2017 as test laboratory.

TÜRKAK deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalamıştır.

TURKAK is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.

Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu raporun tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Karekod QR Code	Tarih Date	Deney Sorumlusu Person in charge of test	Kontrol Eden Reviewer	Onaylayan Head of Laboratory
	06.09.2022	ÖZKAN DALKA	ALPAY SÜMER	SENCER GÜVEN

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve karekodsuz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez.

This test report shall not be reproduced other than in full except with the written permission of the laboratory. Test reports without signature and seal are not valid. This test report represents only tested sample(s), and shall not be used as Product Certificate.

Bu doküman elektronik ortamda imzalanmıştır.

Doğrulama adresi: <https://basvuru.tse.org.tr/uye/QRKodDogrulama?code=AA2B6F>



REACTION TO FIRE CLASSIFICATION

1 Introduction

This classification report defines the classification assigned to the product **AREA FLOORS** in accordance with the procedures given in the standard TS EN 13501-1:2019



REACTION TO FIRE CLASSIFICATION ACCORDING TO TS EN 13501-1:2009

Sponsor	AKGÜN YAPI VE ZEMİN KAPLAMALARI SAN. VE DİŞ TİC. LTD. ŞTİ. A.Ş.
Prepared by	TSE Construction Materials Fire and Acoustics Laboratory
Product name	AREA FLOORS
Classification report no	272034
Issue no	1/1
Date of issue	06.09.2022

This classification report consists of 4 pages and may only be used or reproduced in its entirety.

2 Details of Classified Product

2.1 General

AREA FLOORS- PVC/SPC FLOOR COVERING

2.2 Product description

Trade name	AREA FLOORS
Product Description	PVC/SPC FLOOR COVERING
Properties	
Total thickness	4,14 mm (avr. value determined by the laboratory) 4,00 mm (sponsor declaration)
Total mass per unit area	7,98 kg/m ² (avr. value determined by the laboratory) 8,00 kg/m ² (sponsor declaration)
Photo (tested surface)	



REACTION TO FIRE CLASSIFICATION

3 Test Reports and Results in Support of This Classification Report

3.1 Reports

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

Laboratory	Sponsor	Test Report Ref. No	Test Method
TSE Construction Materials Fire and Acoustics Laboratory	AKGÜN YAPI VE ZEMİN KAPLAMALARI SAN. VE DİŞ TİC. LTD. ŞTİ. A.Ş.	272014/09-22	TS EN ISO 11925-2: 2020
TSE Construction Materials Fire and Acoustics Laboratory	AKGÜN YAPI VE ZEMİN KAPLAMALARI SAN. VE DİŞ TİC. LTD. ŞTİ. A.Ş.	272029/09-22	TS EN ISO 9239-1: 2011

3.2 Results

Results of the above mentioned tests and the classification criteria corresponding to class C_{fi}-s1 as stated in TS EN 13501-1:2019 are given in the following table.

Test Method	Parameter	No. of Tests	Test Results	
			Mean of Continuous Parameters	Non-continuous Parameters
TS EN ISO 11925-2 (20 s içinde)	F _s ≤ 150 mm	6	(-)	F _s ≤ 150 mm
TS EN ISO 9239-1	CHF ≥ 8,0 kW/m ² (kW/m ²)	3	11,0	(-)
	Duman ≤ 750 (s1) (%.min)		214	(-)

(-) Not applicable

4 Classification and Direct Field of Application

4.1 Reference of classification

This classification has been carried out in accordance with clauses 12.6 and 12.9.2 of TS EN 13501-1:2019.

4.2 Classification

In relation to its reaction to fire behaviour, the product **AREA FLOORS** has been classified as:

B_{fi}

In relation to its smoke production behaviour, the product **AREA FLOORS** has been classified as:

s1

Fire behaviour	Smoke production	Flaming droplets
B _{fi}	s1	(-)

REACTION TO FIRE CLASS: B_{fi}-s1



REACTION TO FIRE CLASSIFICATION

4.3 Field of application

This classification is valid for the products specified in clause 2.2, with the same name, manufactured in the same type and with the same formulation and when applied on a surface which has a reaction to fire class of minimum A2-s1,d0 without using any adhesive provided that the following end use conditions;

Mounting and fixing	Applications with or without joints, Applications done by mechanically without using any insulation and adhesive,
Substrate	Substrates which has a reaction to fire class of minimum A2,s1-d0 and applications without any air gap.

5 Limitations

At the time of publishing of the standard TS EN 13501-1:2019, there was no decision concerning the duration of validity of a classification report

The present document represents neither type approval nor certification of the product.

End of classification report.