



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



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

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

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AB-0001-T

113893

04-24

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneysel Talep Eden/Firma : (Adı, Adresi, Şehir vb.) Requesting/Customer (Name, Address, City etc.)	FİBERTON PREKAST VE BETON YAPI ELEMANLARI SAN. TİC.A.Ş SARIİBRAHİMLİ MAH. KIZILYAKA KM. EVL. NO:71 A AKDENİZ
Deneysel Talep Tarihi / No : Order Date/No.	4.03.2024 / 2024-64973
Numunenin Tanımı : (Cins, Marka, Sınıf, Tip, Tür, Model vb.) Sample Description (Type, Mark, Class, Model etc.)	2024-065997, Fibre-cement flat sheets, 1, 1.00, adet
Numune Kabul Tarihi : Sample Receipt Date	11.03.2024
Deneyselin Yapıldığı Tarihi : Date of Test	12.03.2024 / 25.04.2024
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
Deneysel Sonucu : Test Result	-
Açıklamalar : Remarks	Note: "This report is the translation of the the test report with 04-22 date and 110998 report number and the results in this report based on the results in the previous report in question. New test has not been conducted."

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.

Deneysel 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.
TÜRKAK 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.



Tarih
Date
25.04.2024

Deneysel Sorumlusu
Person in charge of test
ÖZKAN DALKA

Kontrol Eden
Reviewer
ÖZKAN DALKA

Onaylayan
Approved by
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.
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MUAYENE - DENEY SONUÇLARI TEST RESULTS

REACTION TO FIRE CLASSIFICATION

1. Introduction

This classification report defines the classification assigned to the product “Fibre-cement flat sheets” in accordance with the procedures given in the standard TS EN 13501-1: 2019 using data from reaction to fire tests.



REACTION TO FIRE CLASSIFICATION ACCORDING TO TS EN 13501-1

SPONSOR (Name&Address)	FİBERTON PREKAST VE BETON YAPI ELEMEANLARI SAN. TİC. LTD.ŞTİ.
	Sarı İbrahimli Mah.Kızılkaya Mevkii No:71 Akdeniz/MERSİN
DEMANDED BY (Name&Address)	TSE ADANA BELGELENDİRME MÜDÜRLÜĞÜ
	Çınarlı Mah. Turhan Cemal Beriker Bulvarı Gizerler İşhanı No:46 Kat:7 / 16-17 Seyhan/ADANA
MANUFACTURER (Name&Address)	FİBERTON PREKAST VE BETON YAPI ELEMEANLARI SAN. TİC. LTD.ŞTİ.
	Sarı İbrahimli Mah.Kızılkaya Mevkii No:71 Akdeniz/MERSİN
PREPARED BY	TSE Construction Materials Fire and Acoustics Laboratory
CLASSIFICATION REPORT NO.	113893
DATE OF ISSUE	25 April 2024
ISSUE NUMBER	Special examination

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

Note: “This report is the translation of the the test report with 04-22 date and 110998 report number and the results in this report based on the results in the previous report in question. New test has not been conducted.”



MUAYENE - DENEY SONUÇLARI TEST RESULTS

2. Details of Classified Product

2.1 General

The classified product is manufactured according to TS EN 12467+A2:2018 defined as “Fibre-cement flat sheets”

2.2. Product Description

General Description	Fibre-cement flat sheets
Trademark	-
Related Specification(s)	TS EN 12467+A2:2018

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 Reference No	Test Method
TSE Construction Materials Fire and Acoustics Laboratory	FİBERTON PREKAST VE BETON YAPI ELEMEANLARI SAN. TİC. LTD.ŞTİ.	110786	TS EN ISO 1182: 2010-07
		04-22	
TSE Construction Materials Fire and Acoustics Laboratory	FİBERTON PREKAST VE BETON YAPI ELEMEANLARI SAN. TİC. LTD.ŞTİ.	110996	TS EN ISO 1716: 2018-11
		04-22	



MUAYENE - DENEY SONUÇLARI TEST RESULTS

3.2. Results

Results of the test reports mentioned in 3.1 and the classification criteria corresponding to class A1 as stated in TS EN 13501-1: 2019 are given in the following table.

Test Method	Parameter	Number of Tests	Test Results	
			Mean of continuous parameters	Non-continuous parameters
TS EN ISO 1182	$\Delta m \leq \% 50$	5	8,6	(-)
	$\Delta T \leq 30 \text{ }^\circ\text{C}$		5,9	(-)
	$t_f = 0 \text{ s}$		0,0	(-)
TS EN ISO 1716	$Q_{pcs} \leq 2,0 \text{ MJ/kg}$	3	0,038	(-)

4. Classification and Direct Field of Application

4.1. Reference of classification

This classification has been carried out in accordance with clause 11.8.1 of TS EN 13501-1: 2019

4.2. Classification

In relation to its reaction to fire behaviour, the product "Fibre-cement flat sheets" has been classified as:

A1

Fire behaviour	Smoke production	Flaming droplets
A1	Not classified	Not classified
REACTION TO FIRE CLASS: A1		

4.3. Field of Application

This classification is valid for the products manufactured with the same recipe, same type, and under the same product name.

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.

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

End of classification report.