



**TEBAR TEST BELGELENDİRME  
ARAŞTIRMA ve GELİŞTİRME TİC. A.Ş.**  
Şerifali Mahallesi Hendem Caddesi No:58  
Y.Dudullu 34775 Ümraniye/İSTANBUL



AB-0302-T

R2400420

11-24

### TEST REPORT

**Customer Name/Adresse:** Bitufa Yapı ve Yalıtım Sistemleri A.Ş.  
Maltepe Mah. Eski Çırpıcı Yolu Sokak No:8/191 Zeytinburnu/İstanbul

**Order No:** İ2400124

**Specimen No:** N2400230

**Name and identity of test item :** SBS modified bitumen based waterproofing membrane with PE film on the bottom surface and slate stone on the top surface: "Flexowall Slate-Stone"

**The date of receipt of test item:** 24.09.2024

**The date of acceptance of test item:** 24.09.2024

**Remarks:** Test sample was sent by client to the laboratory. The sample was tested according to "CEN/TS 1187:2015 Test methods for external fire exposure to roofs-test method 2"

**Date of Test:** 21.10-25.10.2024

**Number of pages of the Report :**1/3

TEBAR Test Belgelendirme Araştırma ve Geliştirme Tic. A.Ş., accredited by TÜRKAK under registration number AB-0302-T for TS EN ISO/IEC 17025:2017 as test laboratory.

The Turkish Accreditation Agency (TURKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of test reports.

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.

Seal 	Date  01.11.2024	Person in charge of test / Head of Testing Laboratory	Approval/ Technical Regulatory Officer
----------	------------------------	--	--

**This report is signed with electronic signature under the electronic signature law numbered 5070. You can contact TEBAR to verify the report.**

The result shown in this test report refer only to the sample(s) tested unless otherwise stated. **The result shown in this report refers applied to the sample as were received.** This test report does not involve evaluation of conformity on the tested product according to Construction Products Directive and should not be considered as initial type testing report or its parts. This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

FR.081/09/31.01.2024

**TEBAR TEST BELGELENDİRME ARAŞTIRMA ve GELİŞTİRME TİC. A.Ş.**  
**Adres:** Şerifali Mahallesi Hendem Caddesi No:58 Y. Dudullu 34775 Ümraniye/İSTANBUL

**TEST REPORT**

**Page: 2/3**

**a-) Test Method:** CEN/TS 1187:2015 Test methods for external fire exposure to roofs-test method 2

**b-) Product Description :**

- **Sponsor/Client :** Bitufa Yapı ve Yalıtım Sistemleri A.Ş.
- **Production Plant :** Maltepe Mah. Eski Çırpıcı Yolu Sokak No:8/191 Zeytinburnu/İstanbul
- **Brand Name :** Flexowall Slate-Stone
- **Lot Number /Production Code/Serial Number Production Date :** /-/ /-
- **Production Date:** -

**c-) Environmental conditions :** (23±2)°C temperature, %(50±5) humidity.

**d-) Information's for specimen preparation:** The test samples were brought to the laboratory in the form of a roof system, ready for the test and in size by the customer.

**Conditioning:**

- Before testing, the crib was dried for 48h in a ventilated oven at (105±5)°C. After drying the crib, it was kept in a desiccator where it is cooled to ambient temperature before use. The mass of the crib than were (40±2)g excluding nails.
- The specimens were conditioned to constant mass at a temperature of (23±2)°C and a relative humidity of (50±5)% for 24 hours. The specimens were kept in the conditioning atmosphere until the tests were carried out.
- Three samples of 2 m / s in wind velocity, the three samples at 4 m/s wind speed was subjected to the experiment

**e-) Additions to, deviations, or exclusions from the test method:-**

***This report is signed with electronic signature under the electronic signature law numbered 5070. You can contact TEBAR to verify the report.***

***The result shown in this test report refer only to the sample(s) tested unless otherwise stated. The result shown in this report refers applied to the sample as were received. This test report does not involve evaluation of conformity on the tested product according to Construction Products Directive and should not be considered as initial type testing report or its parts. This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.***

FR.081/09/31.01.2024

**TEBAR®**

Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.

AB-0302-T

R2400420

11-24

**TEBAR TEST BELGELENDİRME ARAŞTIRMA ve GELİŞTİRME TİC. A.Ş.**  
**Adres:** Şerifali Mahallesi Hendem Caddesi No:58 Y. Dudullu 34775 Ümraniye/İSTANBUL

**DENEY RAPORU**  
**TEST REPORT**

Page: 3/3

**f-) Test results and Measurement uncertainty:**

Test sample/ test time, min	Combustion of the sample to the start time, sec	Airspeed	950 (S850) to the point of reach / not reach (Y/N)	End of luminosity	End of Flame	Damaged, mm (*)	
						Length	Width
1/15min.	47	2 m/s	N	6min	11min16s	270	105
2/15min.	43	2 m/s	N	15min	15min	470	130
3/15min.	44	2 m/s	N	15min	15min	425	100
4/15min.	55	4 m/s	N	4min50s	7min10s	290	105
5/15min.	56	4 m/s	N	3min55s	8min21s	350	115
6/15min.	55	4 m/s	N	5min13s	9min12s	360	110

**Abbreviations: Y:** Yes **N:** No

**(\*):** The length/ width of damaged material of the sample expressed in millimeters as measured from the center of the wood crib position.

**This report is signed with electronic signature under the electronic signature law numbered 5070. You can contact TEBAR to verify the report.**

The result shown in this test report refer only to the sample(s) tested unless otherwise stated. **The result shown in this report refers applied to the sample as were received.** This test report does not involve evaluation of conformity on the tested product according to Construction Products Directive and should not be considered as initial type testing report or its parts. This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature and seal are not valid.

FR.081/09/31.01.2024