



# TEBAR®

Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.

Order Number:	UDI1900007
Report Number:	CPR-PTD/R19-18-1
Page Number	3/3
Report Date:	15 <sup>th</sup> March 2019

TEBAR A.Ş.; 20.10.2015 tarih ve 29508 sayılı Resmi Gazetede yayımlanan TEBAR Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.'nin Onaylanmış Kuruluş Olarak Görevlendirilmesine Dair Tebliğ (Tebliğ No: MHG/2014-05)'de Değişiklik Yapılmasına Dair Tebliğ (MHG/2015-19) ile Çevre ve Şehircilik Bakanlığı tarafından yetkilendirilmiştir.

## Product Type Determination Report

Product Type: Determination Report

### Applicant (Name and Address):

**AZY İZOLASYON YALITIM MALZEMELERİ  
İNŞAAT SAN. ve TİC. LTD. ŞTİ.**  
Çamçeşme Mah. Bülbül Sk. No:9 Kaynarca –  
Pendik / İSTANBUL

**Content:** Product type determination report according to EN 13859-1 and EN 13859-2 of flexible sheets for waterproofing for underlays for discontinuous roofing and walls.

**Product Standard:** EN 13859-1, EN 13859-2

**Product Description:** Flexible sheets for waterproofing-Underlays for discontinuous roofing and walls

**Trademarks:** Gebaude Barriere (90g/m<sup>2</sup>), Gebaude Barriere (135g/m<sup>2</sup>), Gebaude Barriere (195g/m<sup>2</sup>)

**Intended Use:** Underlays for discontinuous roofing and walls waterproofing

**Plant:** Veliköy Mah. 17. San cad. No:38/A  
Çerkezköy / Tekirdağ

**Number of Production Line:** 1

**Approved By**

**Gülsüm ÖZGÜN GÜVEN**

**AoC Manager**

İMZA



### Notified Body Number: 2164

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*The product type determination report assigned to the related product is appropriate to a declaration of performance by the manufacturer within the context of an assessment and verification of constancy of performance system 3 and CE marking under the Construction Products Directive. The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.*

*Bu rapor izin alınmadan kısmi olarak ya da içeriği değiştirilerek çoğaltılamaz. Bu raporun sadece orijinal kopyası geçerlidir. TEBAR A.Ş. Orijinali dışındaki kopyalardan sorumlu tutulamaz.*

FR.075/06/26.10.2018



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## 1. PROCEDURE:

The declared values of reaction to fire, water vapour resistance, watertightness classes of flexible sheets for waterproofing products established by the manufacturer "AZY İzolasyon Yalıtım Malzemeleri İnş. San. ve Tic. Ltd. Şti" and documented to the TEBAR Co. Inc.

Characteristics defined by CPR	Related clauses of harmonized product Standard	Test Method	Gebäude Barriere 90g/m <sup>2</sup>	Gebäude Barriere 135 g/m <sup>2</sup>	Gebäude Barriere 195 g/m <sup>2</sup>
Reaction to fire	4.3.1 Reaction to fire	EN 13501-1	E		
Watertightness	4.3.2 Resistance to water penetration	EN 1928	Class W1		
Water vapour transmission	4.3.3 Resistance to water vapour resistance (m)	EN ISO 12572	0,06±0,02	0,05±0,02	0,05±0,02

The required test samples which are to be used for attestation of conformity purposes were taken by the representative of certification body according to TEBAR Co. Inc's instructions and EN 13859-1/ EN 13859-2 sent by the manufacturer "AZY İzolasyon Yalıtım Malzemeleri İnş. San. ve Tic. Ltd. Şti." product type determination tests performed by the TEBAR Co. Inc. (Notified Body Number 2164); according to Annex ZA2 of EN 13859-1/ EN 13859-2 regarding the following properties as requested by the manufacturer:

- Watertightness EN 1928
- Water vapour resistance EN ISO 12572
- Reaction to fire EN ISO 11925-2, EN 13501-1

**2. TEST RESULTS:** The product type determination test results performed by TEBAR Co. Inc. and declared values for related properties defined by manufacturer "AZY İzolasyon Yalıtım Malzemeleri İnş. San. ve Tic. Ltd. Şti." is given below in tables. **This report is the revision report of "12.03.2019", "CPR-PTD/R19-18". Declared value of water vapour resistance factor changed to water vapour diffusion equivalent air layer thickness. After this revision "12.03.2019" date "CPR-PTD/R19-18" number product type determination report is invalid.**

### 2.1. WATERTIGHTNESS:

Watertightness of the product determined according to EN 1928 Method A (200mmSS water pressure) regarding to clause 4.3.2 of EN 13859-1 and EN 13859-2

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**Grup 1:** Flexible sheets for waterproofing-Underlays for discontinuous roofing and walls.

Product	Characteristics	Declared Class	Measured Class	Evaluation	Report No
Gebaude Barriere (90g/m <sup>2</sup> ) Gebaude Barriere (135g/m <sup>2</sup> ) Gebaude Barriere (195g/m <sup>2</sup> )	Watertightness	Class W1	Class W1	Complied	CPR-T/R19-165

## 2.2. WATER VAPOUR RESISTANCE:

Water vapour transmission properties of the product determined according to EN ISO 12572 regarding to clause 4.3.3 of EN 13859-1 and EN 13859-2

**Group 1:** Flexible sheets for waterproofing-Underlays for discontinuous roofing and walls.

Product	Characteristics	Declared Value (m)	Measured Value (m)	Evaluation	Report No
Gebaude Barriere 90g/m <sup>2</sup>	Water vapour transmission	0,06±0,02	0,06	Complied	CPR-T/R19-166
Gebaude Barriere 135g/m <sup>2</sup>		0,05±0,02	0,05	Complied	CPR-T/R19-167
Gebaude Barriere 195g/m <sup>2</sup>		0,05±0,02	0,05	Complied	CPR-T/R19-168

## 2.3. REACTION TO FIRE:

Reaction to fire of the product determined according to EN ISO 11925-2 regarding to clause 4.3.1 of EN 13859-1 and EN 13859-2

**Group 1:** Flexible sheets for waterproofing-Underlays for discontinuous roofing and walls.

Product	Characteristics	Declared Class	Measured Class	Evaluation	Report No
Gebaude Barriere (90g/m <sup>2</sup> ) Gebaude Barriere (135g/m <sup>2</sup> ) Gebaude Barriere (195g/m <sup>2</sup> )	Reaction to fire	E	E	Complied	CPR-T/R19-164

## 3. EVALUATION:

The tested flexible sheets for waterproofing samples comply with the declared reaction to fire, water vapour resistance and watertightness of the manufacturer "AZY İzolasyon Yalıtım Malzemeleri İnş. San. ve Tic. Ltd. Şti."

*Bu rapor izin alınmadan kısmi olarak ya da içeriği değiştirilerek çoğaltılamaz. Bu raporun sadece orijinal kopyası geçerlidir. TEBAR A.Ş. Orijinali dışındaki kopyalardan sorumlu tutulamaz.*

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Product type determination tests are valid until the not conditions changed. Any modifications on manufacturing process and raw materials or any changes on component suppliers which may have affect on one or more properties of the product, product determination type testing should be repeated for relevant characteristics.

The manufacturer can use this product type determination report for issuing Performance Declaration according to EN 13859-1 and EN 13859-2 (Annex ZA Clause ZA2.2.2.) only if factory production control is correctly carried out.

The manufacturer **“AZY İzolasyon Yalıtım Malzemeleri İnş. San. ve Tic. Ltd. Şti.”** entitled to use **CE Conformity Mark** regarding to Performance Declaration with the declared values of reaction to fire, water vapour resistance, watertightness as long as factory production control is correctly carried out according to **EN 13859-1: Flexible sheets for waterproofing - Definitions and characteristics of underlays – Part 1: Underlays for discontinous roofing, for flexible sheets for waterproofing products / EN 13859-2: Flexible sheets for waterproofing - Definitions and characteristics of underlays - Part 2: Underlays for walls which are produced with a trademark of “Gebäude Barriere (90g/m<sup>2</sup>) Gebäude Barriere (135g/m<sup>2</sup>) Gebäude Barriere (195g/m<sup>2</sup>)”** in the plant in **“Veliköy Mah. 17. San cad. No:38/A Çerkezköy / Tekirdağ”**

Date: 15/03/2019, İstanbul



Approved by  
Gülsüm ÖZGÜN GÜVEN  
AoC Manager

*Bu rapor izin alınmadan kısmi olarak ya da içeriği değiştirilerek çoğaltılamaz. Bu raporun sadece orijinal kopyası geçerlidir. TEBAR A.Ş. Orijinali dışındaki kopyalardan sorumlu tutulamaz.*

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