



TEBAR®
Test Belgelendirme Araştırma ve Geliştirme Ticaret A.Ş.

Order Number	UDİ2500019
Report Number:	CPR-PDR/R25-45
Page Number	1/4
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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.

Performance Evaluation Report:

Applicant (Name and Address):

Assan Panel Sanayi ve Ticaret A.Ş.

Yayla Neighborhood, D100 Highway, Rüya Street, No. 2, Tuzla 34940, Istanbul, Turkey

Content: Performance evaluation report prepared in accordance with EN 14315-1 and EN 13172 standards for on-site sprayed polyurethane foam insulation materials.

Product Standard: EN 14315-1:2013

Product Description: Spray-applied polyurethane foam (PUR) insulation materials
Blowing agent: Water Vapor

Trademark: AssanChem SP 4413

Intended Use: Thermal insulation in buildings

Plant : Balıkesir Organized Industrial Zone, 16th Street, No. 1, Balıkesir Facilities

Approved By

Timur DİZ

Technical Regulatory Officer



TEBAR Test Belgelendirme Araştırma ve Geliştirme A.Ş.

Onaylanmış Kuruluş Numarası: 2164

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İlgili ürün için hazırlanmış olan bu performans değerlendirme raporu; performansın değişmezliğinin değerlendirilmesi sistemi 3 kapsamında hazırlanmıştır.

The product performance report assigned to the related product is drafted within the context of an assessment and verification of constancy of performance system 3.

Bu rapor 5070 sayılı elektronik imza kanunu çerçevesinde elektronik imza ile imzalanmıştır. Raporun doğrulanması için TEBAR Test Belgelendirme Araştırma ve Geliştirme Tic. A.Ş.'ye başvurabilirsiniz. This report is signed with electronic signature under the electronic signature law numbered 5070. You can contact TEBAR to verify the report.

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.075/09/14.05.2024



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1.PROCEDURE:

The declared values submitted in writing to TEBAR A.Ş. regarding glass wool insulation materials manufactured by Assan Panel Sanayi ve Ticaret A.Ş. and used for thermal insulation in buildings are provided below.

Characteristics defined by CPR	Related clauses of harmonized product Standard	Test Method	AssanChem SP 4413 Blowing agent: Water Vapor
Water absorption	4.3.3. Short term water absorption(kg/m ²)	EN ISO 29767	0,4
Fire Response	4.2.3. Reaction to fire	EN 13501-1	F
Release of hazardous substances	4.3.9. Release of hazardous substances	-	-
Thermal resistance	4.2.2. Thermal conductivity, W/(m.K)	EN 12667	0,035
Compressive strength	4.3.4. Compressivestress at 10 % deformation	EN ISO 29469	150

Table 1: Declared values of the company

Test samples used in performance evaluation activities were sent to, "ASSAN PANEL SANAYİ VE TİCARET A.Ş." according to TEBAR AŞ.'s instructions and EN 13172 product type determination tests performed by the TEBAR Co. Inc. (Notified Body Number 2164); according to Annex ZA2 of EN 14315-1 regarding the following properties as requested by the manufacturer:

- Thermal Conductivity and Thermal Resistance EN 12667 and EN 14315-Annex C
- Compressive strength EN ISO 29469
- Short term water absorption EN ISO 29767

Since the manufacturer has declared the product's fire reaction class as "F" no conformity assessment procedure is required for the fire reaction parameter. For this reason, the test report for this product type does not include a conformity assessment regarding the fire reaction parameter.

2.TEST RESULTS

The results of the performance evaluation tests conducted by TEBAR AŞ. and the values declared by ASSAN PANEL SANAYİ VE TİCARET A.Ş., along with the evaluations made by comparing these values, are presented in the tables below for each parameter.

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2.1.THERMAL CONDUCTIVITY

Product classification has been carried out in accordance with clause 4 of standard EN 13172, based on the thermal conductivity value declared by the manufacturer. Thermal conductivity has been determined in accordance with clause 4.2.2 of standard EN 14315-1, in compliance with EN 12667 and Annex C of EN 14315-1.

Product	Production Date	Thickness (mm)	Declared Value (W/m.K)	Measured Value (W/m.K)	Evaluation	Test reports
AssanChem SP 4413	11.08.2025	50	0,035	0,0332	Complied	CPR-T/R25-544
	14.08.2025			0,0330	Complied	CPR-T/R25-545
	18.08.2025			0,0339	Complied	CPR-T/R25-546
	20.08.2025			0,0330	Complied	CPR-T/R25-547

Table 2: Evaluation of the tolerance declaration made by the company

2.2. COMPRESSIVE STRENGTH

Product classification has been carried out in accordance with clause 4 of standard EN 13172, based on the compressive strength value declared by the manufacturer. Compressive strength has been determined in accordance with clause 4.3.4 of standard EN 14315-1, in compliance with EN ISO 29469.

Product	Production Date	Thickness (mm)	Declared Value (kPa)	Measured Value (mm)	Evaluation	Test reports
AssanChem SP 4413	11.08.2025	50	150	432	Complied	CPR-T/R25-548
	14.08.2025			337	Complied	CPR-T/R25-549
	18.08.2025			413	Complied	CPR-T/R25-550
	20.08.2025			340	Complied	CPR-T/R25-551

Table 3: Evaluation of the tolerance declaration made by the company

2.3. SHORT THERM WATER ABSORPTION

Product classification in accordance with clause 4 of standard EN 13172 has been carried out based on the short-term water absorption value with partial immersion declared by the manufacturer. Short-term water absorption with partial immersion has been determined in accordance with EN ISO 29767, as specified in clause 4.3.3 of the EN 14315-1 standard.

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Product	Production Date	Nominal Thickness (mm)	Declared Value (kg/m ²)	Measured Value (kg/m ²)	Evaluation	Test reports
AssanChem SP 4413	11.08.2025	50	WS (≤0,4kg/m ²)	0,16	Complied	CPR-T/R25-552
	14.08.2025			0,19	Complied	CPR-T/R25-553
	18.08.2025			0,16	Complied	CPR-T/R25-554
	20.08.2025			0,19	Complied	CPR-T/R25-555

Table 4: Evaluation of the tolerance declaration made by the company.

3.EVALUATION:

This performance evaluation report applies to spray-applied polyurethane foam (PUR) insulation materials manufactured by "Assan Panel Sanayi ve Ticaret A.Ş" at the address "Balıkesir Organized Industrial Zone, 16th Street, No. 1, Balıkesir Facilities" and used for thermal insulation in buildings. These materials are produced under the brands " AssanChem SP 4413" brands, which are sprayed polyurethane foam (PUR) insulation materials applied on-site.

The performance evaluation report is valid as long as the conditions remain unchanged. If there is a change in the production process, raw materials, or component suppliers that could cause a change in one or more characteristics of the product, the performance consistency evaluation process must be repeated for the relevant product.

Date:25/12/2025, İstanbul



Approved by
Timur DİZ
Technical Regulatory Officer

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