



Report No/ Rapor No : 2025072145
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Numune ID : Laminant Parke

	TEST/MUAYENE	DİREKTİF	YÖNTEM	SONUÇ
*	Esnek ve laminat zemin kaplamaları — Statik elektrik eğiliminin değerlendirilmesi	Genel Ürün Güvenliği Direktifi (GPSD) (2001/95/EC)	EN 1815	0,6 kV

NOT: Bu test/muayene sonucu uygunluk değerlendirmesi yerine geçer, resmi kurumlara sunulabilir, ürün ve broşürlerde kullanılabilir.



Mühür

Müşteri Temsilcisi
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Laboratuvar Müdürü
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Test/inspection results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test/inspection Request Form (PR03-F01) conveyed to us from the Applicant. Test/inspection results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025, Analysis as indicated with "***" are performed at the external laboratories using accredited test/inspection methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting "N" to related pages. Tested and remaining samples will be kept in specified terms & conditions at test/inspection request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Geçti/Fail assessment of the test/inspection results shown in this Report. Evaluation of the test/inspection results using Measurement Uncertainty values is the responsibility of the Applicant. An inspection body shall issue an inspection certificate that does not include the inspection results only when the inspection body can also produce an inspection report containing the inspection results, and when both the inspection certificate and inspection report are traceable to each other.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

Sayfa 1 / 3

EN 1815 - Esnek ve laminat zemin kaplamaları — Statik elektrik eğiliminin değerlendirilmesi**Kapsam**

Bu standart, standart ayakkabı giyen bir kişinin esnek veya laminat bir zemin kaplaması üzerinde yürümesi sırasında oluşan vücut gerilimini belirlemek için bir yöntem belirler. Test yöntemi, laboratuvar koşullarında ve yerinde kullanılabilir.

Prensip

Bir zemin kaplaması, bir operatörün standart bir çift sandalet giyerek, topraklanmış metal bir taban plakası (esnek zemin kaplamaları) veya topraklanmış metal bir taban plakası (laminat zemin kaplamaları) üzerine yerleştirilmiş bir PE köpük/PE folyo üzerinde yürüyerek yaptığı bir yürüme testiyle statik elektrik eğilimi açısından değerlendirilir.

Koşullandırma

Süre (Gün)	Sıcaklık °C	Bağıl Nem %
7	23 ± 2	25 ± 2

Test Prosedürü**Test sandaletlerinin temizliği**

Her test serisinden önce ve her testten sonra, tabanları pamuklu bez ve etanol veya izopropanol ile temizlenir. Yüzeyi pürüzlendirmek için zımpara kağıdı kullanın ve temiz bir bez ve etanol veya izopropanol ile tekrar temizlenir.

En az 5 dakika beklenir ve testten önce tabanların tamamen kuru olduğundan emin olunur.

Yöntem A: Laboratuvar koşullarında test prosedürü;**• Hazırlık**

Koşullandırılmış test odasındaki zemine gerekli topraklanmış metal levhayı, PE folyo/PE köpüğü (laminat zemin kaplaması için) yerleştirilir.

• Boşaltma

Kullanıldığında PE köpüğü ve her bir testten önce test parçasını, iyonlaştırıcı kaynağı PE köpüğün ve test parçasının üzerinde yaklaşık 20 mm'lik bir mesafe boyunca hareket ettirerek boşaltılır ve kalan statik yükü ortadan kaldırılır.

• Yürüme testi

Test parçasının üzerine sandaletleri yerleştirilir. Sandaletlerin üzerine basılır ve bağlanır. Statik ölçüm cihazına bağlı el elektrodunu alınır ve kişi sıfır voltajdan başlamak üzere topraklanır.

El elektrodu deneyin elinizdeyken test parçası üzerinde saniyede iki adım hızla, ileri ve geri, ancak vücudunu her zaman aynı yöne bakacak şekilde düzenli adımlarla yürütülür. Sürtünme veya dönme hareketlerinden kaçınılır.

Her adımda, sandaletleri test parçasının yaklaşık 50 mm ila 80 mm yukarısına kaldırılır. Sandalet tabanını test parçasına paralel bir düzlemde kaldırıp indirilir. Test parçasının mümkün olduğunca büyük bir kısmını örtülür ve tepe voltajı yükselmeyi bırakana kadar, ancak en fazla 60 saniye boyunca yürümeye devam edilir. Test parçası üzerindeyken sandaletleri çıkarılır.

Test üç kez gerçekleştirilir.

Test Sonuçları

Test Metodu	Test Odası;		Sandalet Taban Malzemesi	Alt Katman Malzemesi	Gereklilik	Sonuç	
	Sıcaklık	Bağıl nem					
A	23 ± 2 °C	50 ± 5 %	Kauçuk	Topraklanmış metal taban	Vücut gerilimi 2,0 kV'yi geçmemelidir	1	0,6 kV
						2	0,7 kV
						3	0,6 kV
						Ortalama 0,6 kV	

Numune Görseli



Rapor Sonu



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	TEST/ INSPECTION	DIRECTIVE	METHOD	RESULT
*	Resilient and laminate floor coverings — Assessment of static electrical propensity	The General Product Safety Directive (GPSD) (2001/95/EC)	EN 1815	0,6 kV

NOTE: This test result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.



Seal

Customer Representative
Merve Nur KIRVELİ

Laboratory Manager
Merve ÖZLÜ

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BS EN 1815 - Resilient and laminate floor coverings — Assessment of static electrical propensity

Scope

This standard specifies a method for determining the body voltage generated when a person wearing standardized footwear walks on a resilient or laminate floor covering. The test method can be used under laboratory conditions as well as in situ.

Principle

A floor covering is evaluated for static electrical propensity by means of a walking test with an operator using a pair of standard sandals, walking over the floor covering situated over a earthed metal base plate (resilient floor coverings) or over a PE-foam/PE-foil situated over a grounded metal base plate (laminate floor coverings).

Conditioning

Exposure Time (Days)	Temperature °C	Relative Humidity %
7	23 ± 2	25 ± 2

Test Procedure

Cleaning of test sandals

Before each test series and after each individual test, clean the soles with cotton cloth and ethanol or isopropanol. To roughen the surface, use the abrasive paper and clean again with a clean piece of cloth and ethanol or isopropanol.

Wait at least 5 min and make sure that the soles are completely dry before testing.

Method A: Test procedure in laboratory conditions;

- **Preparation**

Place the required earthed metal plate, PE-foil/PE-foam (for laminate floor covering) on the floor in the conditioned test room.

- **Discharging**

Discharge the PE-foam, when used, and the test piece before each individual test, by moving the ionizing source once over a distance of approximately 20 mm over the PE-foam and the test piece to eliminate any residual static charge.

- **Walking test**

Place the sandals on the test piece. Step into the sandals and fasten them. Take the hand electrode, already connected with the static measuring device, and earth the person in order to start from zero voltage.

With the hand electrode in the hand, walk on the test piece with regular paces at a rate of two steps per second, forwards and backwards but always with the body facing the same direction. Avoid scuffing or pivoting.

At each step, lift the sandals approximately between 50 mm and 80 mm above the test piece. Lift and lower the sandal sole in a plane parallel to the test piece. Cover as much of the test piece as possible and continue

walking until the peak voltage ceases to rise, but for not more than 60 s. Take off the sandals while still on the test piece.

Perform the test three times.

Test Result

Test Method	Test Room;		Sandal Sole Material	Material Of The Underlayment	Requirement	Result	
	Temperature	Relative humidity					
A	23 ± 2 °C	50 ± 5 %	Rubber	Grounded metal base	The body voltage shall not exceed 2,0 kV	1	0.6 kV
						2	0.7 kV
						3	0.6 kV
						Average 0.6 kV	

Sample Image



*****End of Report*****