EUROLAB®
Laboratory Services

TEST/INSPECTION REPORT

EUROLAB LABORATORY SERVICES

TÜRCERT TEKNİK KONTROL VE BELGELENDİRME A.Ş.

UNITED ACCREDITATION FOUNDATION UAF

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Overall Rating: PASS

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Sample ID :	AGT-PARKE
Decision Rule :	Stated by the customer .
Disclaimer Statement :	-

	TEST	METHOD	RESULT
*	Resilient and textile floor coverings - Assesment of static electrical propensity	EN 1815	P

EUROLAB LABORATORY SERVICES APPROVED

Seal

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Environment

The requirements and standards apply to equipment intended for use in

X	Residential (domestic) environment
X	Commercial and light-industrial environment
X	Industrial environment
X	Medical environment

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Sample ID	Part No.	Part ID	Explanatory Information
AGT-PARKE	Part 1	AGT-PARKE	

Summary of Results

Parts & Results															
Parts	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**
EN 1815	**P**														

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

Scope

This standard specifies a method for determining body tension when a person walks on elastic or laminate flooring in standardized shoes. The test method can be used both in laboratory conditions and 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).

Procedure

Cleaning the test sandals

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).

Procedure A: Performed under laboratory conditions

Preparation

The grounded metal base plate and PE film / PE foam (in the case of laminate floor coverings) will be placed on the floor in the conditioned test room (see Chapter 5).

Discharge

To remove any residual static charge, the PE foam and test sample, if used, should be discharged prior to each separate test by moving the ionization source back and forth approximately 20 mm above the PE foam and test sample.

Examination

Place the sandals on the sample. Wear and fasten sandals. Take the hand electrode already connected to the static meter and ground the test person, starting with zero voltage.

Holding the hand electrode in your hand, walk back and forth over the test sample at a constant stride frequency of two steps per second, with the body always pointing in the same direction. Prevent wear due to friction or rotation. Lift the sandals approximately 50 mm to 80 mm above the sample with each step. Raise and lower the sole of the sandal parallel to the sample. Cover the largest possible area of the sample and continue walking until the peak tension no longer increases, but for more than 60 seconds. Perform the test three times.

Procedure B: On-site inspection

The ambient temperature, relative humidity, as well as the condition of the floor covering and, if necessary, any action before the test (eg cleaning, washing, etc.) should be recorded. The sandal shall be placed on the surface of the floor covering to be tested and the test shall be carried out in accordance with 7.2.3.

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Apparatus

-Substructure for resilient floor coverings A earthed metal base plate shall be used, e.g. a stainless steel plate of approximately (100 x 200) cm and 1 mm thick.

--Substructure for laminate floor coverings

-Laminate floor coverings without attached sound absorbing material

A PE foam sheet of approximately (220 x 120) cm and (3 + 0,5) mm thick, with a vertical resistance $\geq 10^{13}$ Ω (measured at 500 V DC according to EN 61340-4-1) shall be used. This PE foam sheet is laid on a earthed metal base plate.

- Laminate floor coverings with attached sound absorbing material

A water vapour barrier PE foil of approximately (220 x 120) cm and (0,2 + 0,1) mm thick is laid on a earthed metal base plate.

Conditioning

7 days conditioning at 23 °C, 25 % RH

RESULT

Sample	Requirements	Measured Value	Comment	RESULT
AGT-PARKE	< 2 kV	0.03 kV	The antistatic test performed on the sample was recorded as 0.03 kV. It has met the criterion of <2 kV specified as a limit in the standard requirements.	PASS

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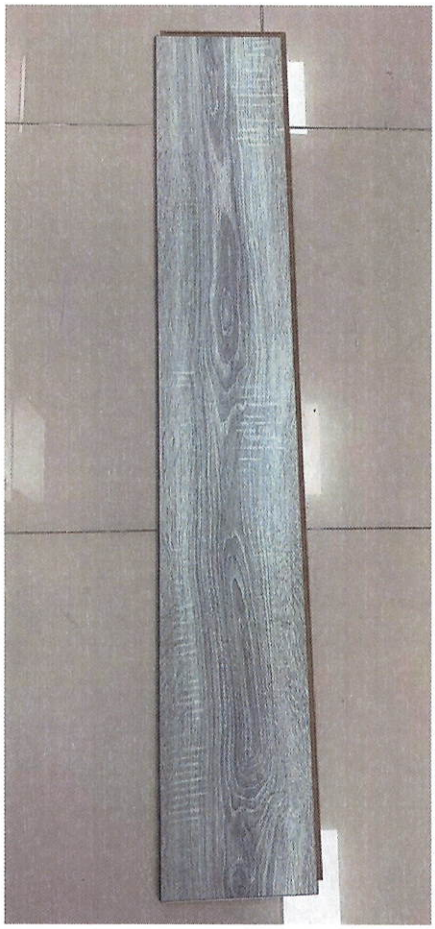
SAMPLE IMAGE



End Of Report

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