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DAkkS
Deutsche
Akkreditierungsstelle
D-PL-20181-01-00

TEST REPORT

No. 2111914/8 dated 28.04.2017

Type of Testing: **Determination of sliding behaviour in accordance with DIN V 18032-2:2001-04 and friction in accordance with DIN EN 14904:2006**

Applicant:

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ISP Ref. No.: **2111914**

Test location:	**Institut für Sportstättenprüfung** Südstr. 1a 49196 Bad Laer Germany
Date of the Testing:	04.08.2014 – 14.08.2014
Author of this Report:	J. Sliwinski

1. Sample Description

In accordance with the applicant the samples were described as followed:

2111914/2	Sports linoleum, coated with “PU Sealer Satin/Waxnomor” Sample dimensions: 1000 mm x 500 mm

The sample was delivered to the ISP laboratory in Bad Laer on the 18.07.2014.

The sample was treated in accordance with the instructions of the applicant with the following cleaning agent:

2111914/5	Sports linoleum, coated with “PU Sealer Satin/Waxnomor” (ISP 2111914/2), cleaned with “PU Cleaner/Schutz Cleaner”

The sample was cleaned in accordance with the instructions of the manufacturer. It was cleaned once and tested in dry state two days later.

2. Test Procedure

The following tests were conducted for the samples:

Determination of sliding behaviour (DIN V 18032-2:2001-04) *
Determination of friction (DIN EN 14904:2006)

Test methods marked with a * are not part of the ISO 17025 accreditation of the ISP.

The determination of sliding behaviour in accordance with DIN V 18032-2:2001-04 was carried out by an external ISO 17025 accredited testing institute. The test results have been implemented into this report. The original test report is stored in the ISP archive.

The determination of friction was carried out with a slide rubber under dry conditions in two directions on the surface. For each direction the mean value of 5 measurements are shown.

All relevant test information e.g. technician, date of testing, conditioning period and test conditions were recorded and stored in the ISP archive.

The test results relate only to the tested sample.

The test conditions of 23/50-2 meet the requirements of DIN EN ISO 291:2008-08.

3. Results

The test results and the requirements are shown in the following table.

Test	Unit	Result		Requirement
Sliding Behaviour (DIN V 18032-2:2001-04)				
2111914/2	-	0.50		0.4 – 0.6
2111914/5	-	0.49		
Friction (DIN EN 14904:2006)		Direction 1	Direction 2	
2111914/2	-	93	89	80 – 110
2111914/5	-	106	103	

4. Evaluation

The evaluation is based on the requirements of DIN V 18032-2:2001-04 and DIN EN 14904:2006.

The requirements for sliding behaviour (DIN V 18032-2:2001-04) and friction (DIN EN 14904:2006) were met with coating **and** cleaning.

END OF THE TEST REPORT

Bad Laer, 28.04.2017

Dennis Frank
MANAGING DIRECTOR

Jakob Sliwinski
TECHNICIAN