



Test Report

Determination of sports surface properties

Report-No.: 903 6439 000-2/Sgm
Client: PPG Deco Polska Sp.z.o.o.
Ul. Kwidzynska 8
51-416 Wroclaw
Polen
Order-No. (Client): -
Order-No. (MPA): 903 6439 000
Test Item: Parquet panels
„Drewnochron Classic Silver Polysk“
Specification Applied: [1] DIN EN 14904:2006-06
Surfaces for sports areas –Indoor surfaces for multi-sports use –
Specification
[2] DIN 18032-2: 2001-04
Halls for gymnastic, games and multi-purpose use
Part 2: sports floors, requirements, testing

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Date of Test: starting 16.01.2019
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Page 1 of 3 text pages
Enclosures : 1
Supplements: -
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1 Purpose of Investigation

You commissioned us with testing of technical properties of a surface for sports areas according to DIN EN 14904 [1] and DIN 18032-2 [2]. Therefore we received two parquet panels samples (size approx. 20 cm x 70 cm) labeled as follows:

Sample 1: „Drewnochron Classic Silver Polysk“

The parquet samples were prepared with one layer of “Drewnochron Capon Extra” (polyvinyl - nitroceluloze primer, 100 g/m²) and with two layers of „Drewnochron Classic Silver Polysk“ (each layer with 100 g/m²).

2 Testing procedure

The tests were carried out according to the procedures mentioned in DIN EN 14904 [1] and DIN 18032-2 [2]. The test marked with ■ is an accredited test according to DIN EN ISO/IEC 17025, see DAkkS-certificate D-PL-11027-04-07).

The following properties according to DIN EN 14904 [1] and DIN 18032-2 [2] were determined:

resistance to wear, sliding properties

3 Results of Investigation

In the following table the test results obtained are tabulated and compared to the requirements of DIN EN 14904 [1] and DIN V 18032-2 [2].

The single test results can be found in tables 2-3, enclosure 1.

Table 1: Summary of the test results according to DIN EN 14904 [1] and DIN V 18032-2 [2], sample 1: „Drewnochron Classic Silver Polysk“

Test acc. to EN xx described in DIN EN 14904 [1] or DIN V 18032-2 [2]	Test results	Requirements acc. to DIN EN 14904 [1] or DIN V 18032-2 [2]
Sliding properties (DIN V 18032-2:2001-04)	0,51	at least 0,4 - maximum 0,6
Resistance to wear (EN ISO 5470-1:1999)	35,5 mg	≤ 80 mg (CS10 wheel; 1000 cycles; load 500g)

Prepared by

Approved and released by


Britt Manske
Testing Engineer



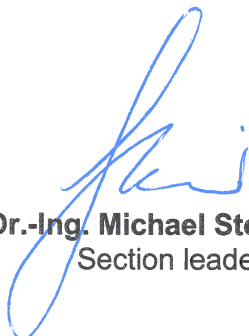

Dr.-Ing. Michael Stegmaier
Section leader

Table 2: test results of sliding properties according to DIN V 18032-2 [3]

Test spot No.	sliding properties
1	0,49
2	0,51
3	0,51
4	0,52
5	0,50
Total Ø	0,51

Table 3: test results of resistance to wear according to DIN EN 14904 [1]

Sample No.	Loss of mass [mg]
1	39,0
2	37,1
3	34,6
4	31,2
Ø	35,5

