



Test Report

Determination of sports surface properties

Report-No.: 903 6238 000-1

Client: Bona AB
Murmansgatan 130
SE 200-21 Malmö

Order-No. (Client):

Order-No. (MPA): 903 6238 000/Kd

Test Item: **Two samples of parquet (ca. 22 x 60 cm²)
coated with “Bona Polish Gloss”**

Specification Applied: [1] DIN EN 14904:2006-06 Surfaces for sports areas –
Indoor surfaces for multi-sports use – Specification
[2] DIN V 18032-2:2001-04 Sport halls - Halls for gymnastics, games
and multi-purpose use - Part 2: Floors for sporting activities,
requirements, testing

Date of Receipt of Test Item 20.07.2018

Date of Test: 20.07.2018

Date of Report: 21.11.2018

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Enclosures :

Supplements:

Total Number of Pages: 3

Number of Reports: 1x Bona AB

The test results relate only to the items tested.

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 V 18032-2 [2]. Therefor we received two samples of parquet with dimensions of approx. 22 cm x 60 cm coated with "Bona Polish Gloss", on 20.07.2018.

2 Tests and Analyses Performed

The tests were carried out according to the procedures mentioned in DIN EN 14904 [1] and DIN V 18032-2 [2]. The tests performed are accredited tests according to DIN EN ISO/IEC 17025, see DAkkS-certificate (D-PL-11027-04-07).

3 Results of Investigation

The following test results were obtained.

Table 1: test results of linear friction acc. to DIN EN 14904 [1]: "Bona Polish Gloss"

Test spot	Linear friction	
	along	across
1	98	100
2	97	99
3	97	98
4	98	99
5	99	99
Average	98	99
Average total	99	

Table 2: test results of sliding properties acc. to DIN V 18032-2 [2]: "Bona Polish Gloss"

Testing spot no.	Sliding coefficient μ
1	0,43
2	0,42
3	0,45
4	0,44
5	0,45
Average	0,44


4 Summary

According to EN 14904 [1] the following requirements are valid: mean value (80 – 110), range (+/- 4 units). This requirement was fulfilled by the tested parquet samples coated with "**Bona Polish Gloss**".

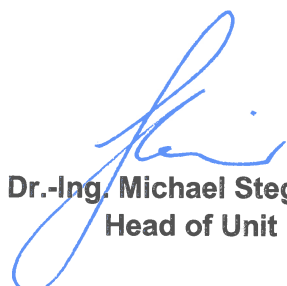
According to DIN V 18032-2:2001-04 the following requirement is valid: $\mu_{\min.}$ 0,4 - $\mu_{\max.}$ 0,6. This requirement was fulfilled by the tested parquet samples coated with „**Bona Polish Gloss**“.

Prepared by

Approved and released by


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