



Test Report

Determination of sliding properties

Report-No.: 903 9466 06e

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Order-No. (Client): -

Order-No. (MPA): 903 9466 000 /Scz

Test Item: flooring sample treated with “MERIDA ECO-FLOOR”

Specification Applied: [1] 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: 12.11.2025

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Enclosures :

Supplements: -

Total Number of Pages: 3

Number of Reports: 1

The test results relate only to the items tested.

Publication of this report in full or partly is only allowed with written authorization by MPA University of Stuttgart.
In compliance with DIN EN ISO/IEC 17025 accredited Testing Laboratory recognized by Deutsche Akkreditierungsstelle (DAkkS).
Accreditation valid for testing methods listed in the certificates.

1 Purpose of Investigation

You commissioned us with testing of the sliding properties according to DIN V 18032-2 [1] of a surface for sports areas. Therefore we received a sample measuring approx. 20 cm x 70 cm made of linoleum that had been treated with the product **“MERIDA ECO-FLOOR”**.

The samples were labelled as follows:

Sample 1: Floor cleaner **“MERIDA ECO-FLOOR”** on linoleum flooring

The **“MERIDA ECO-FLOOR”** floor cleaning product was applied as specified in a two-stage wet mopping process (solution 50 ml/10 l) on a linoleum floor covering.

2 Testing procedure

The testing of the sliding behaviour was carried out according to the procedure described in DIN V 18032-2 [1].

These tests are accredited procedures according to DIN EN ISO/IEC 17025:2005 (DAkkS registration number D-PL-11027-04-02). When assessing conformity, the measurement uncertainty of the test results is not taken into account.

The climate at testing was 22 °C and 54 % rel. humidity.

3 Test results

The following tables show the results of testing.

**Table 1: Results of testing of sliding properties according to DIN V 18032-2 [1],
Sample 1: Floor cleaner **“MERIDA ECO-FLOOR”** on linoleum-flooring**

Test spot Nr.	Sliding coefficient μ
1	0,47
2	0,46
3	0,46
4	0,47
5	0,47

The basis for the evaluation of the sliding behavior are the requirements of DIN V 18032-2 [1] of μ min. 0,4; μ max. 0,6 at all test points.

These requirements were met by all samples with the floor cleaner "**MERIDA ECO-FLOOR**".


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Testing Engineer




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