

**Materials Testing Institute**  
**University of Stuttgart**  
P.O. Box 80 11 40  
70511 Stuttgart  
Germany

**MPA** **MPA STUTT GART**  
**Otto-Graf-Institut**  
Materials Testing Institute University of Stuttgart



## Investigation Report

Client: Vermeister S.p.A.  
Localita Fornaci  
24050 Mornico al Serio (BG)  
Italy

Order-No. (Client):

Order-No. (MPA): **902 6292 000-1 /Sc.M/hr**

Test Item: **Varnish on parquet**

Specification Applied: **EN 14904 (resp. EN 13036-4)**

Date of Receipt of Test Item: **08.07.2013**

Date of Test: **10.07.2013**

Date of Report: **17.07.2013**

Page 1 of **3 text pages**

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 DAkkS Deutsche Akkreditierungsstelle GmbH.  
Accreditation valid for testing methods listed in the certificates (Reg. No. D-PL-11016-00)

**1 Purpose of investigation**

We were commissioned to test the friction acc. to EN 14904 (resp. EN 13036-4) on oak parquet samples. For the test we received 3 sample with the dimensions 0,3 m x 0,3 and the following labelling:

"1 coat of AQUA TENAX SPORT + 2 coats of IDRO 2K SPORT"

**2 Testing procedure**

The friction test was carried out according to EN 13036-4. The procedure applied is accredited according to DIN EN ISO/IEC 17025:2005 (DAkkS-registration-no. D-PL-11016-01-09). Testing conditions: 23-50-2 according to DIN 50014.

**3 Test results**

The following test results were obtained.

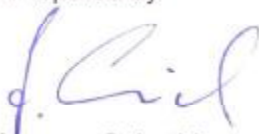
**Table 1: Friction**

testing spot no.	friction
1	105
2	105
3	102
4	103
5	104
Mean	104

**4 Summary**


According to EN 14904 the following requirements are valid: Mean value (80 – 110), range (+/- 4 units). This requirement was fulfilled by the tested samples.

Prepared by

  
**Johannes Schmid**  
Testing Engineer



Approved and released by

  
**Dipl.-Ing. Rainer Wellhäuer**  
Vice section lead