

Entwicklungs- und Prueflabor Holztechnologie GmbH · Zellescher Weg 24 · 01217 Dresden · Germany

Inovar Industries SDN BHD
Lot 2994, Jalan Bukit Badong
Selangor Darul Ehsan
45600 Bestari Jaya
MALAYSIA

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Dresden, 11 November 2014
70-em/pe

Test Report Order No. 2714395/1

Client: Inovar Industries SDN BHD
Lot 2994, Jalan Bukit Badong
Selangor Darul Ehsan
45600 Bestari Jaya
MALAYSIA

Date of order: 16 October 2014

Order: Determination of the wear resistance according to EN 13329

Contractor: EPH – Laboratory Surface Testing

Engineer in charge: Dipl.-Ing. (FH) M. Peter



Dr.-Ing. Rico Emmler
Head of Laboratory Surface Testing

The test report contains 2 pages. Any duplication, even in part, requires written permission of EPH. These test results are exclusively related to the tested material.

1 Task

The Development and Examination Laboratory for Wood Technology Ltd. (EPH) was instructed by Inovar Industries SDN BHD in Bestari Jaya / Malaysia to carry out testing of the wear resistance according to EN 13329.

2 Material

For the test, the client has sent three samples of a Laminated flooring (entrance at the EPH laboratory 23 October 2014).

3 Determination of the resistance against abrasion according to EN 13329

The test was carried out according to EN 13329 Annex E with a Taber-Abraser-Type 5151. The related test wheels were prepared with sanding paper type S42. The zinc abrasion value of the sandpaper was 131 mg and the hardness of the wheels was Shore A 65.

4 Result

Number of revolutions until the IP value according to EN 13329		Abrasion class in accordance with EN 13329*
single values	average value	
6600, 6400, 6700	> 4000	AC4

- * AC1 ≥ 900
- AC2 ≥ 1500
- AC3 ≥ 2000
- AC4 ≥ 4000
- AC5 ≥ 6000
- AC6 ≥ 8500

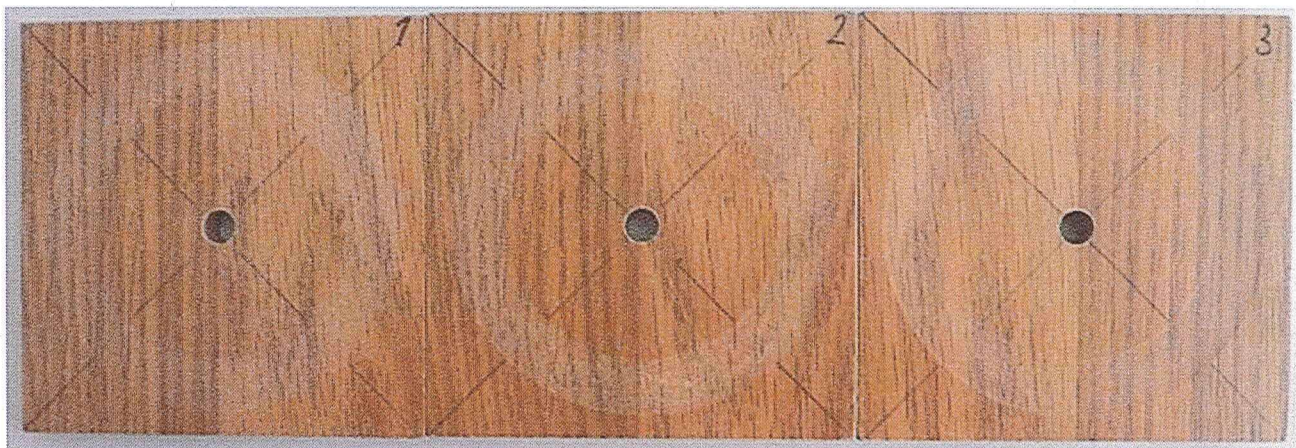


Fig. 1: The tested samples

M. Peter
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 Engineer in charge