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Dresden, 14/05/2020
MPET

Test Report
Order No. 2720196

Client:	Wood.be
	Hof ter Vleestdreef 3
	1070 Brussels
	Belgium
Date of order:	10/04/2020
Order:	Determination of the resistance against abrasion according to EN 14354:2017, Annex D (Falling Sand Method)
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 3 pages. Any duplication, even in part, requires written permission of EPH. These test results are exclusively related to the tested material.

1   Task

The authorized laboratory Entwicklungs- und Prüflabor Holztechnologie GmbH (EPH) was instructed by Wood.be in Brussels / Belgium to carry out testing of the resistance against abrasion according to EN 14354:2017, Annex D (Falling Sand Method).

2   Material

For testing, the following samples (wood veneer floor coverings) were selected by the client and sent to the contractor with receipt at EPH laboratory on: 14/04/2020, 24/04/2020, 11/05/2020.

Variant 1:	AE200103 Type Lounge
Variant 2:	AE200105 Type Summit
Variant 3:	AE200104 Type Deluxe

3   Determination of the resistance against abrasion according to EN 14354:2017, Annex D (Falling Sand Method) for floorings with a top layer ≤ 1.0 mm

The determination of the resistance against abrasion was carried out according to EN 14354:2017, Annex D with a Taber Abraser Type 5151 with Grit Feeder, model 155, under effect from "Falling sand" (test equipment OF-59 and OF-41).

The test was carried out with TABER-Sand from Decospan.

Performance of the tests: 24/04/2020 – 13/05/2020

4   Results

Variant	Number of revolutions according to EN 14354:2017 - Annex D (without calibration factor)			
	TP 1	TP 2	TP 3	Mean value
1	7800	8400	8300	8200
2	7100	7500	7600	7400
3	6200	6200	6300	6200

The determination of the calibration factor was carried out according to
EN 14354:2017 - Annex D. chapter 5.4.2.

calibration factor   = average of mass loss in g / 0.145 g

calibration factor   = 0.141 g / 0.145 g

calibration factor   = 0.9724

Variant	Number of revolutions according to EN 14354:2017 - Annex D (with calibration factor)				Class according to EN 14354:2017 Table 2
	TP 1	TP 2	TP 3	Mean value	
1	7585	8168	8071	7900	33
2	6904	7293	7390	7200	33
3	6026	6026	6126	6100	33

Requirements according to EN 14354:2017 Table 2 for floorings with a top layer ≤ 1.0 mm

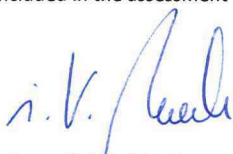| Class	Number of revolutions
21–22	≥ 1000
23–31	≥ 2000
32	≥ 4000
33	≥ 6000

5   Evaluation

The tested wood veneer floor coverings can be classified for the tested property
"Resistance against abrasion" according to EN 14354:2017 as following:

Variant	Property	Result	Classification* according to EN 14354:2017
1	Resistance against abrasion according to EN 14354:2017 Annex D	7900	Classes 21-23 and 31-33 are fulfilled
2		7200	Classes 21-23 and 31-33 are fulfilled
3		6100	Classes 21-23 and 31-33 are fulfilled

* Statements on conformity assessment/classification were made on the basis of the measurement results obtained. Measurement uncertainties were not included in the assessment (ILAC G8 03/2009 "Guidelines on the Reporting of Compliance with Specification" Section 2.7).

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