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Dresden, 26/01/2022
MPET

Test Report
Order No. 2721687

This report is a translation of the German language report no. 2721687 of 24/01/2022.

Client:	Dr. Schutz GmbH Steinbrinksweg 30 31840 Hessisch Oldendorf
Date of order:	04/01/2022
Order:	Determination of the resistance against abrasion according to ISO 5470-1:2016-11 with friction wheel CS17 (mass loss at 1000 revolutions)
Contractor:	EPH - Laboratory Surface Testing
Engineer in charge:	Dipl.-Ing. (FH) M. Peter

Dipl.-Ing. Andreas Möschner
Leiter Laborbereich Oberflächenprüfung

The test report contains 2 pages. Any duplication of extracts requires the written permission of EPH.
The test results refer exclusively to the material tested.

1 Task

The accredited Entwicklungs- und Prueflabor Holztechnologie GmbH (EPH) was instructed by Dr. Schutz GmbH in Hessisch Oldendorf to carry out testing the abrasion resistance of a coated foil according to ISO 5470-1:2016-11 with friction wheels CS-17 (mass loss at 1000 revolutions).

NOTE: All numerical values within this document are given with a comma as decimal.

2 Test material

For testing, the following sample was selected by the client and sent to the contractor with receipt at EPH laboratory on: 13/01/2022

Dr. Schutz ESD TopCoat

3 Determination of the resistance against abrasion according to ISO 5470-1:2016-11

The determination of the resistance against abrasion was carried out according to ISO 5470-1:2016-11.
The test was carried out with a Taber Abraser 5151 from Taber Industries (test equipment OF-120). using CS 17 friction wheels and a load of 1000 g per wheel. After every 1000 revolutions, the friction wheels and samples were cleaned of dust with a brush and the loss of mass was determined.

Performance of the test: 19/01/2022

4 Test result

Mass loss in mg after 1000 revolutions according to ISO 5470-1:2016-11 with friction wheels CS-17			
single values			**mean value**
30	25	26	27

Mass loss in mg after 100 revolutions according to ISO 5470-1:1999 with friction wheels CS-17			
single values			**mean value**
3,0	2,5	2,6	2,7

i.V.

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