

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

Dr. Schutz GmbH  
Frau Bettina Schaar  
Steinbrinksweg 30  
31840 Hessisch Oldendorf

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

Phone: +49 351 4662 0  
Fax: +49 351 4662 211  
info@eph-dresden.de  
www.eph-dresden.de

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.

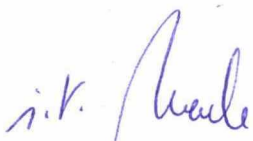
The test was carried out with a Taber Abraser 5151 from Taber Industries (test equipment OF-120). using CS 17 friction wheels and a load of 1000 g per wheel. After every 1000 revolutions, the friction wheels and samples were cleaned of dust with a brush and the loss of mass was determined.

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



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