



# Investigation Report

Client: PPG Deco Polska Spolka z o. o.  
ul. Kwidzyska 8  
51-416 Wrocław  
Poland

Order-No. (Client):

Order-No. (MPA): **902 4273 000-05/Whr/Scz**

Test Item: **Domalux Professional Poliuretan Aqua 2S polysk**

Specification Applied: **EN ISO 5470-1**

Date of Receipt of Test Item 05.07.2012

Date of Test: beginning 06.07.2012

Date of Report: 20.07.2012

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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 case of doubt the German version is valid. Section 54180 "Sports surfaces, sports facilities",

Location: Pfaffenwaldring 4g, 70569 Stuttgart, Germany  
Phone: int. 0049 711 685-63370 ; Fax: int. 0049 711 685-62765

## **1 Purpose of investigation**

You commissioned us to test the wearing resistance of the lacquer "**Domalux Professional Poliuretan Aqua 2S polysk**" according to EN ISO 5470-1. For the test we received one sample with the following dimensions 0,2 m x 0,7 m on 05.07.2012.

## **2 Testing procedure**

The test was carried out according EN ISO 5470-1 (testing conditions: CS 10 wheels, load 500g, 1000 cycles).

Testing conditions: 23-50-2 according to DIN 50014.

## **3 Test results**

The following test results were obtained.

**Table 1: Test results**

<b>testing spot no.</b>	<b>loss of mass in mg</b>
1	29,2
2	28,0
3	22,3
4	24,4
Mean	26,0

Basis for the evaluation is the requirement of EN 14904 regarding the loss of mass of coating and lacquers surfaces. The loss of mass shall be  $\leq 80$  mg / 1000 cycles. With an average value of 26 mg this requirement was fulfilled by the lacquer "**Domalux Professional Poliuretan Aqua 2S polysk**".

Prepared by

*N. Schulz*

**Norbert Schulz  
Tester**



Approved and released by

*R. Wellhäuser*

**Dipl.-Ing. Rainer Wellhäuser  
Vice Section leader**