

Customer: Dr-Shutz Gmbh
Holbeinstrasse 17
5315 Bonn
Germany

Attention of: Richard Nelson

Technical Report

Subject: Pendulum slip assessment in accordance with UK Slip Resistance Group Guidelines
Your ref: PU-Sealer Antislip
Our ref: FLO 0166226/0831/MC/SLM/SPF
Date: 8th August 2008

Conditions of Issue:

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Report signed by: S P Ferry
Floorcoverings Team Leader
Floorcoverings Evaluation Centre
On behalf of SATRA Technology Centre Ltd

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SLIP RESISTANCE TESTING OF A ANTISLIP COATING ON A PVC FLOORING ACCORDING TO THE UK SLIP RESISTANCE GROUP GUIDELINES

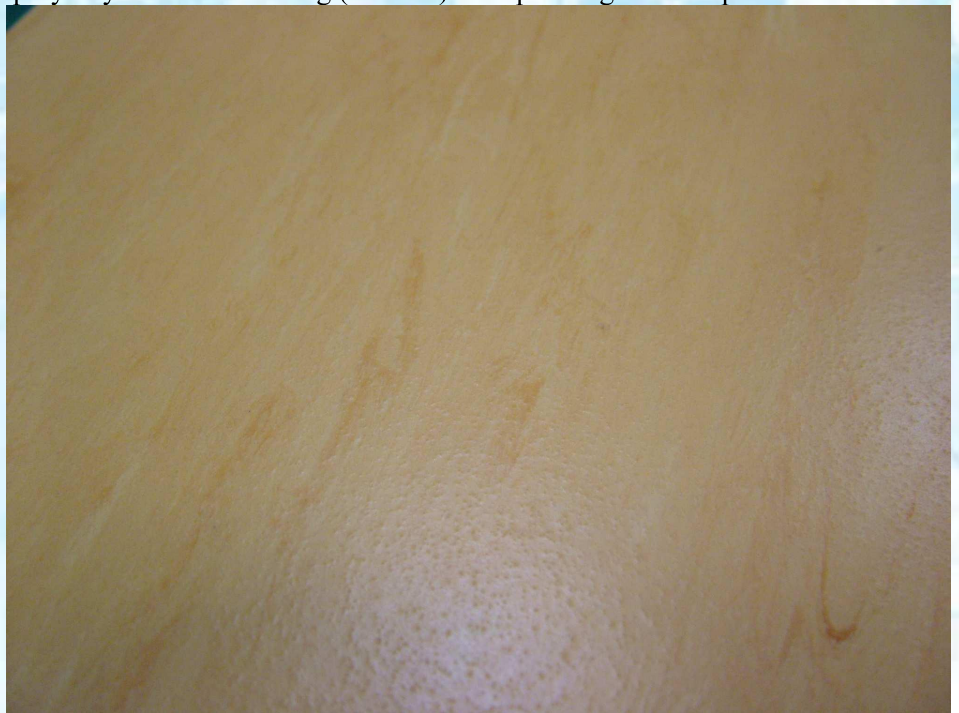
As requested by Dr-Shutz GmbH, we have conducted an assessment of the slip resistance of the clear anti slip coating on a PVC floor covering submitted, as detailed below.

SUMMARY

The sample referenced “PU-Sealer Antislip (applied to a homogeneous PVC floor covering)” has demonstrated a low potential for slipping under both dry and wet test conditions, when assessed according to UK Slip Resistance Group guidelines – Issue 3 – November 2005

SAMPLE SUBMITTED

Reference: PU-Sealer Antislip
Description: A clear anti slip coating incorporating particulate applied onto a homogeneous polyvinyl chloride flooring (EN 649) incorporating PVC chips
Appearance:



Intended application: Contract / Commercial use
Date received: 5th August 2008
Conditioning commenced: 5th August 2008
Testing commenced: 6th August 2008
Testing completed: 6th August 2008
Testing conducted by: Michael Cawley

TESTS CARRIED OUT

- BS 7976-2: 2002 Pendulum Testers, method of operation ⁽¹⁾

Note:

- (1) Testing has been conducted and the results have been assessed in accordance with the UK Slip Resistance Group Guidelines –Issue 3: 2005

RESULTS

Table 1. BS 7976-2: 2002 Pendulum Testers, method of operation (Using Slider 96)

Sample	Condition	Average PTV/Direction of Test			Overall average slip measurement (PTV's)
		A	B	C	
PU-Sealer Antislip	Dry	66	65	65	65
	Wet (water)	56	50	55	54

Direction of Test



COMMENTS

The method of test is intended to assess the potential of slipping for people walking on a flooring material. A pendulum attached to a spring loaded foot fitted with a standard rubber slider referenced Slider 96 (formally known as Four S Rubber) is allowed to swing so the slider contacts a dry or wet test floor covering over a set distance. The extent to which the pendulum fails to reach its release height on the overswing is determined as a measurement of the slip resistance. The procedure is carried out in three directions, in one principle direction, at 90° to this and at 45° to the principle direction.

The following table contains guidelines recommended by the UK Slip resistance group – Issue 3 2005.

Slip potential	PTV
High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36+

The sample submitted demonstrated a low potential for slipping incidents when tested under both dry surface conditions and when contaminated with potable water.

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