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Customer details: Avery Dennison Materials Europe BV
Willem Einthovenstraat, 11
Oegstgeest
Netherlands

SATRA FLO0240051/1545/3
reference:

Your reference: PO 177133

Date of report: 5 January 2016

Samples received: 18 November 2015

For the attention of: Nicola Avella

Date(s) work carried out: 18 November 2015 –
3 December 2015

TECHNICAL REPORT

Subject: Testing of one sample described by the customer as 'DOL5900 BD 96301' to
DIN 51130:2014 excluding paragraph 6 measurement of displacement space.

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Please note uncertainty of measurement has not been applied to the results in this report. SATRA uncertainty of measurement values are available on request.

Report signed by: Philip Weal
Position: Senior Technician
Department: Furniture and Floor Coverings

TESTING OF ONE SAMPLE DESCRIBED BY THE CUSTOMER AS 'DOL5900 BD 96301' TO DIN 51130:2014 EXCLUDING PARAGRAPH 6 MEASUREMENT OF DISPLACEMENT SPACE.

As requested by Avery Dennison Materials Europe BV, an assessment has been conducted to determine the slip potential of the sample submitted referenced 'DOL5900 BD 96301' using the ramp method, as detailed below.

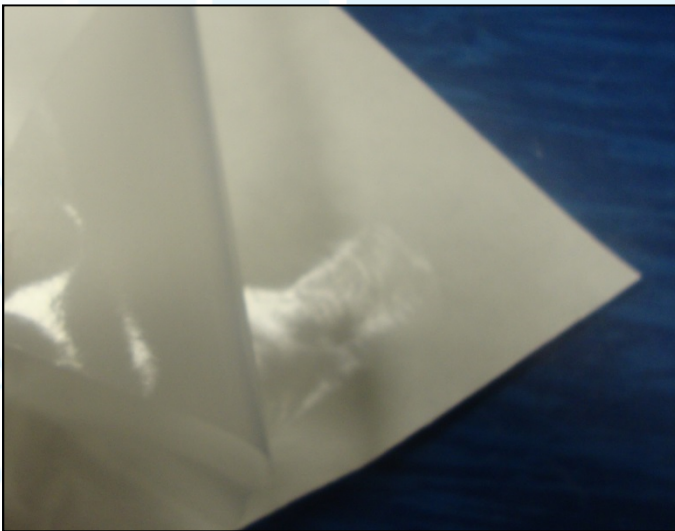
SUMMARY

With regards to the requirements laid out in DIN 51130:2014, the floor sample submitted under the reference 'DOL5900 BD 96301' has demonstrated an average angle of **8.2°**, hence being classified as **R9**

SAMPLE SUBMITTED

Sample reference: 'DOL5900 BD 96301' ⁽²⁾

Appearance:



Date received: 18 November 2015
Date into conditioning: 18 November 2015
Testing completed: 3 December 2015
Testing conducted by: Phil Weal & Tom Notley

TESTS CARRIED OUT

- DIN 51130:2014 Testing of floor coverings - Determination of the anti-slip property - Workrooms and fields of activities with slip danger - Walking method - Ramp test

Note:

- (1) *Displacement space –Is not relevant to this test reference. Only required with floor covering having an open structure such like “gratings” with large open surface gaps.*
- (2) *The information supplied by the above Customer. Not verified by SATRA.*

RESULTS:

Test No.	Operator A Inclined Platform Shod Corrected angle result (°)	Operator B Inclined platform shod Corrected angle result (°)
1	8.3	7.9
2	8.0	8.2
3	8.2	8.4
Corrected Operator Mean	8.2	8.2
Corrected Total Mean	8.2	
Rating	R9	

R rating category

R Value	Category Static Friction is:	Angle of Inclination
R9	Low	6° to 10°
R10	Normal	>10° to 19°
R11	Above Average	>19° to 27°
R12	High	>27° to 35°
R13	Very High	>35°

Note to end use applications:

R9 Floors in work rooms and work areas without a high risk of slipping. General and private areas.
 R10 to R13 Floors in workrooms and work areas where there is an increased risk of slipping due to grease, oil, water, foods, left-overs, dust, flour, plant clippings, etc.

Annex 1.0

Operator Verification results for DIN 51130:2014

Operator A

Verification Board	Operator A Verification					
	Test Run			Average	Difference	Proceed?
	1	2	3			
ST - I (8.7 ± 3.0)	10.9	11.0	11.2	11.0	2.3	Y
ST - II (17.3 ± 3.0)	20.1	20.2	20.1	20.1	2.8	Y
ST - III A (27.3 ± 3.0)	30.0	29.9	29.8	29.9	2.6	Y

Operator B

Verification Board	Operator B Verification					
	Test Run			Average	Difference	Proceed?
	1	2	3			
ST - I (8.7 ± 3.0)	11.1	11.1	11.2	11.1	2.4	Y
ST - II (17.3 ± 3.0)	20.3	19.9	20.1	20.1	2.8	Y
ST - III A (27.3 ± 3.0)	29.9	29.7	29.7	29.8	2.5	Y

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Work done or services undertaken are subject to the terms and conditions detailed below and all other conditions, warranties and representations, expressed or implied are hereby excluded.
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 - iii. The above items are submitted to the Customer as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.
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The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009