

Customer details: Antalis International
8, rue de Seine
92 100 Boulogne-Billancourt
France

SATRA FLO029820420211
reference:

Your reference: 12294/1

Date of report: 20 May 2020

Samples received: 20 May 2020

For the attention of: Peter Higgins

Date(s) work carried out: 20 May 2020
20 May 2020

TECHNICAL REPORT

Subject: Testing of one product described by the customer as "Coala Floor & Wall R - Textured PVC Laminate" 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 It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.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.

Tests marked \neq fall outside the UKAS Accreditation Schedule for SATRA. All interpretations of results of such tests and the comments based upon them are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

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 PRODUCT DESCRIBED BY THE CUSTOMER AS "Coala Floor & Wall R - TEXTURED PVC LAMINATE" TO DIN 51130:2014 EXCLUDING PARAGRAPH 6 MEASUREMENT OF DISPLACEMENT SPACE.⁽¹⁾

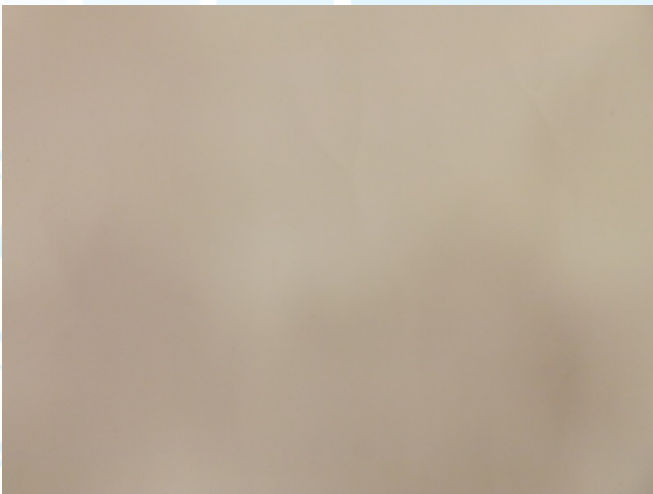
As requested by Antalis International, an assessment has been conducted to determine the slip potential of the sample submitted referenced "Coala Floor & Wall R - Textured PVC Laminate", using the ramp method, as detailed below.

SUMMARY

With regards to the requirements laid out in DIN 51130:2014, the floor sample submitted under the reference "Coala Floor & Wall R - Textured PVC Laminate" has demonstrated an average angle of **9.2°**, hence being classified as **R10**.

SAMPLE SUBMITTED

Sample reference "Coala Floor & Wall R - Textured PVC Laminate"⁽²⁾
Appearance:



Date received: 20th May 2020
Date conditioning started: 20th May 2020
Testing commenced: 20th May 2020
Testing completed: 20th May 2020
Testing conducted by: Philip 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(s):

- (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	12.3	12.4
2	12.6	13.0
3	12.3	12.9
Corrected Operator Mean	12.4	12.8
Corrected Total Mean	12.6	
Rating	R10	

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, including 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
	1	2	3		
ST - I (8.7 ± 3.0)	11.1	11.5	11.6	11.4	2.7
ST - II (17.3 ± 3.0)	19.4	19.6	19.5	19.5	2.2
ST - III A (27.3 ± 3.0)	30.0	29.9	30.0	30.0	2.7

Operator B

Verification Board	Operator B Verification				
	Test Run			Average	Difference
	1	2	3		
ST - I (8.7 ± 3.0)	11.4	11.1	11.6	11.4	2.7
ST - II (17.3 ± 3.0)	20.2	19.7	20.4	19.8	2.5
ST - III A (27.3 ± 3.0)	29.8	30.0	29.9	29.6	2.6

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 - ii. Where SATRA has given consent to disclosure, the Customer shall draw the attention of the third party to these terms of business and the basis on which SATRA undertakes test, reporting and advising. The Customer shall indemnify SATRA for any failure to do so.
 - 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.
13. **CONSTRUCTION AND ARBITRATION**
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: 20th May 2020

Antalis

International

SATRA Reference:

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20 May 2020

Signed:



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