

Customer details: Mondoplastico SpA  
Via Del Bosco 28  
1-21052 Busto Arsizio  
Italy

SATRA reference: FLO0245312 /1617

Your reference: FOB-2016/04/727

Date of report: 11 May 2016

Samples received: 28 April 2016

For the attention of: Francesco Novello

Date(s) work carried out: 28 April 2016 –  
5 May 2016

## TECHNICAL REPORT

Subject: Testing of one sample described by the customer as 'PVC film DUNE 200µm WHITE C#D68XW...8GG' to DIN 51130:2014 excluding paragraph 6 measurement of displacement space.

### Conditions of Issue:

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

Tests marked ≠ 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 SAMPLE DESCRIBED BY THE CUSTOMER AS 'PVC FILM DUNE 200µM WHITE C#D68XW...8GG' TO DIN 51130:2014 EXCLUDING PARAGRAPH 6 MEASUREMENT OF DISPLACEMENT SPACE.<sup>(1)</sup>**

As requested by Mondoplastico SpA, an assessment has been conducted to determine the slip potential of the sample submitted referenced 'PVC film DUNE 200µm WHITE C#D68XW...8GG' using the ramp method, as detailed below.

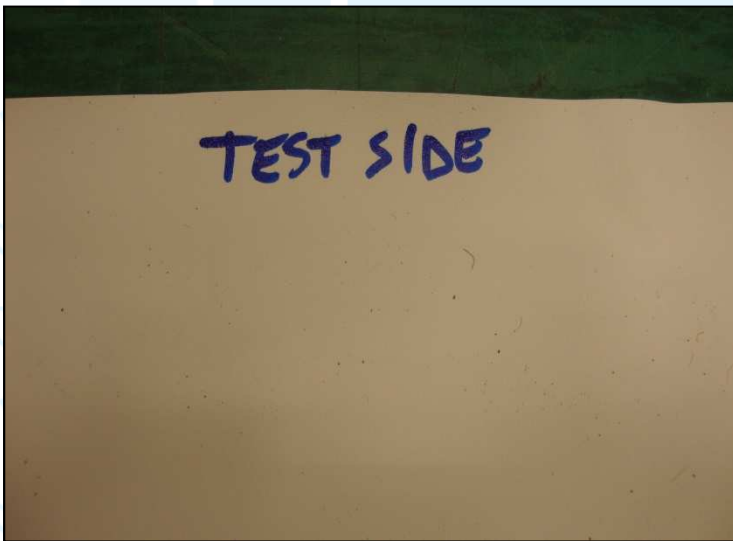
**SUMMARY**

With regards to the requirements laid out in DIN 51130:2014, the floor sample submitted under the reference 'PVC film DUNE 200µm WHITE C#D68XW...8GG' has demonstrated an average angle of **17.5°**, hence being classified as **R10**.

**SAMPLE SUBMITTED**

Sample reference: 'PVC film DUNE 200µm WHITE C#D68XW...8GG'<sup>(2)</sup>

Appearance:



Date received: 28 April 2016  
Date into conditioning: 28 April 2016  
Testing completed: 5 May 2016  
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:

- (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	17.5	17.8
2	17.6	17.2
3	17.7	17.3
Corrected Operator Mean	<b>17.6</b>	<b>17.4</b>
Corrected Total Mean	<b>17.5</b>	
Rating	<b>R10</b>	

## R rating category

R Value	Category Static Friction is:	Angle of Inclination
<b>R9</b>	Low	6° to 10°
<b>R10</b>	Normal	>10° to 19°
<b>R11</b>	Above Average	>19° to 27°
<b>R12</b>	High	>27° to 35°
<b>R13</b>	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	Proceed?
	1	2	3			
<b>ST - I (8.7 ± 3.0)</b>	11.1	11.4	11.3	11.3	2.6	Y
<b>ST - II (17.3 ± 3.0)</b>	20.1	20.0	20.2	20.1	2.8	Y
<b>ST - III A (27.3 ± 3.0)</b>	29.6	29.6	29.8	29.7	2.4	Y

#### Operator B

Verification Board	Operator B Verification					
	Test Run			Average	Difference	Proceed?
	1	2	3			
<b>ST - I (8.7 ± 3.0)</b>	11.6	10.9	11.1	11.2	2.5	Y
<b>ST - II (17.3 ± 3.0)</b>	20.3	20.1	20.1	20.2	2.9	Y
<b>ST - III A (27.3 ± 3.0)</b>	29.7	30.1	29.8	29.9	2.6	Y

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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