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TECHNICAL REPORT

THE MILLBOARD COMPANY LIMITED 1 Argosy Court, Scimitar Way, Coventry West Midlands CV3 4GA United Kingdom	SATRA reference:	FLO2039841	
		2620	4
	Report ID/Issue number:	63394/1	
	Your reference:		
	Date samples received:	07/05/2026	
	Date(s) work carried out:	07/05/2026 to 01/06/2026	
	Date of report:	10/06/2026	

Testing Requirements

Testing of one product, described by the customer as "Modello Linear" to
EN 16165:2021 Annex C using Slider 57.
Assessed in accordance with ≠ UKSRG Guidelines Issue 6:2024.

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Report Signed by:

Reece Johnson

Report Signatory

TESTING OF ONE PRODUCT DESCRIBED BY THE CUSTOMER AS "MODELLO LINEAR" TO EN 16165:2021 ANNEX C - USING SLIDER 57[5]. ASSESSED IN ACCORDANCE WITH THE ≠ UKSRG GUIDELINES ISSUE 6:2024.

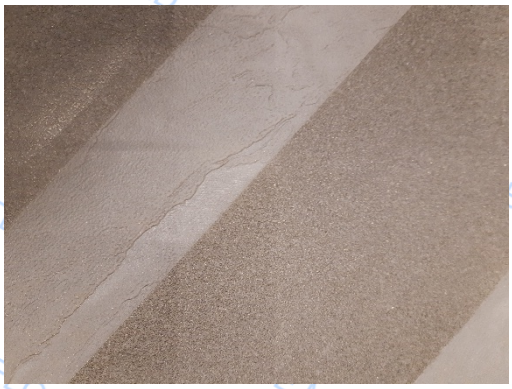
As requested by The Millboard Company Limited, SATRA has conducted an assessment of the slip resistance of a sample of flooring as detailed below.

CONCLUSION

The product referenced "Modello Linear" has demonstrated a low slip potential under wet test conditions in the worst performing direction tested and a low slip potential under dry test conditions in the worst performing direction tested, when tested to EN 16165:2021 Annex C, using Slider 57 [5] and assessed in accordance with the ≠ UK Slip Resistance Group guidelines, Issue 6:2024.

SAMPLE SUBMITTED

Sample reference: "Modello Linear" [1]
Description of surface: Composite decking with patterned textured surface
Appearance:



Date conditioning started: 07 May 2026
Testing completed: 01 June 2026
Testing conducted by: Reece Johnson

TESTS CARRIED OUT

- EN 16165:2021. Determination of slip resistance of pedestrian surfaces – Methods of evaluation - Annex C. Pendulum Test, using Slider 57 (2,3,4)

Note(s):

(1) Information supplied by the customer. Not verified by SATRA.
(2) The samples were conditioned, and testing was conducted at (23 ± 2) °C and (50 ± 5) % RH. Surface temperature measured prior to testing was 23.1 °C.
(3) Results have been assessed in accordance with the ≠ UK Slip Resistance Group Guidelines – Issue 6:2024.
(4) The median value is calculated over the final five measurements from a set of eight measurements.
(5) This testing has been conducted using Slider 57 rubber, meeting the requirements of EN 16165:2021. This rubber slider also meets the requirements for Slider 55 rubber as stated in ≠ UKSRG Guidelines Issue 6:2024, and therefore these results also cover Slider 55 testing, as recommended in the national foreword to BS EN 16165:2021.

VERIFICATION

Before testing commenced a verification of the pendulum tester was conducted as per EN 16165:2021 Annex C; Due to issues determining the verification values on some verification materials, when used with Slider 57, the pendulum tester has been verified using the Slider 96 rubber.

Verification as per EN 16165:2021 Annex C (26/11/2024)

Verification Readings		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**Median(4)**
Glass Plate (PVS-1)	**WET**	**9**	**8**	**8**	**8**	**8**	**8**	**7**	**8**	**8**
Pavigres Tile (PVS-2)		**37**	**37**	**36**	**36**	**36**	**36**	**36**	**36**	**36**
Pink Lapping Film (PVS-3)		**64**	**64**	**63**	**63**	**63**	**64**	**62**	**63**	**63**

Verification requirements from EN 16165:2021 Annex C

Verification Surface	**Assigned value of verification surface (PTV in wet conditions)**	**Acceptance criteria for verification surface and measured value (PTV in wet conditions) slider 96**
Float Glass Plate	8	± 2
Pavigres Tile	36	± 2
Pink Lapping Film	63	± 3

RESULTS

Table 1. EN 16165:2021 Annex C – Pendulum Test. (Using Slider 57[5])

Sample	Condition	Corrected median[4] slip measurement (PTV_{20})		
		Direction of Test		
		A	B	C
"Modello Linear"	Dry	**91**	**92**	**71**
	Wet (water)	**51**	**48**	**62**

See Annex 1.0 for details of calculation of corrected PTV_{20}.

Direction of Test

The following table contains the classification guidelines as recommended by the ≠ UK Slip Resistance Group Issue 6:2024.

Table 2. Guidelines for slip potential classifications for PTV, as stated in the ≠ UK Slip Resistance Group Guidelines Issue 6:2024.

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

'In any complaint involving slip, the floor surface, the footwear and other environmental factors will all have an important bearing on slip resistance. It will be impossible to make either footwear or floorings slip resistant under all conditions which may be encountered in wear'.

ANNEX 1.0 – CALCULATION OF CORRECTED PENDULUM TEST VALUE (PTV_{20}).

The measured Pendulum Test Value PTV_t is the median of the last five recorded readings, in each direction tested.

Where Slider 57[5] rubber is used, then the median can be corrected for rubber temperature (measured ambient temperature), to the reference temperature of 20°C, using the formula below.

$$PTV_{20} = \frac{PTV_t}{1 - [0.0059x(t - 20)]}$$

Last five recorded readings for each direction of sample "Modello Linear" tested in accordance with EN 16165:2021 Annex C, using Slider 57[5].

Test Conditions		Data/Readings					PTV_t (Median)
Dry	A	**88**	**88**	**89**	**89**	**90**	**89**
	B	**88**	**89**	**90**	**91**	**92**	**90**
	C	**68**	**68**	**70**	**72**	**73**	**70**
Wet	A	**50**	**50**	**50**	**51**	**50**	**50**
	B	**48**	**47**	**47**	**47**	**47**	**47**
	C	**61**	**61**	**62**	**61**	**61**	**61**

Test Temperature: 23 °C
Test Humidity: 50 % RH

The correction for this test will therefore be:

$$PTV_{20} = \frac{PTV_t}{1 - [0.0059x(23 - 20)]} = \frac{PTV_t}{0.9823}$$

EN 16165:2021 Annex C, using Slider 57[5] - Corrected results

Test Conditions		PTV_{20}	Slip Potential (UKSRG)
Dry	A	91	**Low**
	B	92	
	C	71	
Wet	A	51	**Low**
	B	48	
	C	62	

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Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor k=2, which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is considered based on a non-binary acceptance which itself is based on the guard being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

Where a report includes results provided by a subcontracted laboratory and the subcontract lab has provided raw data results and uncertainty values then SATRA will apply the decision rules above. Where Uncertainty values have not been provided by the subcontract lab then decision rules will not be applied and SATRA will include a note to this effect clearly indicating the affected results.

SATRA's guidelines provide recommendations that are based upon SATRA's knowledge and experience. The guidelines are intended to indicate conformance by providing information on the likely performance or characteristics of a property. As such, uncertainty of measurement is not applied when evaluating results against guideline recommendations.