



WET PENDULUM TEST REPORT

Test Report No: 23F13
Test Date: 6-Jun-23
Test Report Date: 7-Jun-23

Requested By: Jun Phang
Request Date: 6-Jun-23

Specimen Description:	XJ Emboss-001
Specimen Batch Number:	N/A
No. of Specimens and Sampling Details:	1 x 1220mm (L) x 180mm (W)
Specimen Preparation	Washed with water
Test Location:	Braeside Lab
Air Temperature:	23.4°C
Test Condition and Slope:	Unfixed and no slope
Test Direction:	N/A
Test Standard:	AS 4586:2013 (Appendix A - Wet Pendulum Test)
Test Equipment:	Munro Stanley Pendulum Skid Resistance Tester (S/N: 1537, Calibrated: 13/01/23)
Slider Rubber:	Slider 96 - Conditioned with grade P400 paper, dry and Imperial Lapping Film Grade 3MIC, wet
Slider Batch No:	#17
Slider Wear level before calibration:	2.40mm
Test Conducted By:	Kazim Celik

Accredited for compliance with ISO/IEC 17025 – Testing.

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked.

While considerable care was taken in performing the test, it does not warrant that the information in this particular report will be free from errors. Armstrong Flooring will not be responsible for any actions taken based on information contained in this particular report. This report may not be reproduced except in its entirety.



RESILIENT FLOORING LABORATORY

OF BRAESIDE MILLS OPERATIONS PTY LTD, trading as ARMSTRONG FLOORING™ - ABN 57 659 692 421

29-39 MILLS ROAD, BRAESIDE VIC 3195 – TEL: (03) 9586 5506

WET PENDULUM TEST REPORT

Results Summary:

Specimen	1	2	3	4	5
Last 3 swings (BPN)	40	42	45	41	41
	40	42	45	41	41
	40	42	45	41	41
Average	40	42	45	41	41
Mean SRV	42				
Classification	P3				

Photo:



Test Direction

Accredited for compliance with ISO/IEC 17025 – Testing.

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked.

While considerable care was taken in performing the test, it does not warrant that the information in this particular report will be free from errors. Armstrong Flooring will not be responsible for any actions taken based on information contained in this particular report. This report may not be reproduced except in its entirety.



WET PENDULUM TEST REPORT

Approved Signatory	
Name:	Ravindran Nadarajan
Designation:	Quality Manager

CLASSIFICATION CRITERIA – AS 4586 – 2013 WET PENDULUM TEST APPENDIX A

COMPLIANCE

The surface shall comply with the stated classification for the test method and test rubber that is nominated and declared by the manufacturer or supplier.

**TABLE 2: CLASSIFICATION OF PEDESTRIAN SURFACE MATERIALS
ACCORDING TO THE AS 4586 WET PENDULUM TEST**

Class	Pendulum SRV (see Note 1 below)	
	Slider 96	Slider 55
P5	>54	>44
P4	45-54	40-44
P3	35-44	35-39
P2	25-34	20-34
P1	12-24	<20
P0	<12	

NOTES:

1. While Slider 96 or Slider 55 rubbers may be used, the test report shall specify the rubber that was used.
2. It is expected that these surfaces will have greater slip resistance when dry.
3. SDV may be calculated by using the tables that are given in Appendix F of AS 4586, and the minimum SRV that is considered appropriate for a level surface (see examples given in Appendix F of AS 4586).

Accredited for compliance with ISO/IEC 17025 – Testing.

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked.

While considerable care was taken in performing the test, it does not warrant that the information in this particular report will be free from errors. Armstrong Flooring will not be responsible for any actions taken based on information contained in this particular report. This report may not be reproduced except in its entirety.



WET PENDULUM TEST REPORT

MEANS OF DEMONSTRATING COMPLIANCE

Pedestrian surfaces that are classified in accordance with Table 2 shall meet the following criteria:

(a) The mean test results shall be as follows:

For the classifications in Table 2, the mean of the test results shall be—

- I. within the relevant criteria set out in the table; and
- II. each individual result shall be equal to or above the lower limit for the classification or, if below the classification, within the mean of the result minus 20%.
- III. If either criteria is not met, the lot shall be considered to be of lower classification.

(b) The classification in accordance with Table 2 shall be determined by—

- I. selecting and testing at least five specimens at random as specified in Appendices A and B of AS 4586; or
- II. carrying out continuous testing and process control in accordance with AS 3942.

(c) When testing individual lots, if a particular test fails to produce the expected classification it shall be permissible to—

- I. disregard the first sample, resample a minimum of 10 specimens from the whole lot, retest and apply the criteria to the new sample; or
- II. subdivide the lot into smaller lots of different quality, resample, retest and reclassify each of the smaller lots.