



Test report: SW8497

Slip Resistance for Woven flooring

Materials Performance

Project number:	SW8497
CSIRO specimen ID	SW8497
Date:	1/9/2023
Version	A
Client:	The Andrews Group
Product	Bolon WovenFlooring

[Commercial-in-confidence]

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Test Report Status and Revision History

Version	Status	Date	Distribution	Comment
Revision A	Final for issue	1-Sep-23	CSIRO	

Report Authorisation

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Date	30-Aug-23	1-Sep-23

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1 Introduction

The report describes the testing of Slip resistance in accordance with AS4586:2013 for Bolon Woven Flooring.

Slip resistance classification of new pedestrian surface materials

Appendix A with wet pendulum test method (slider 96).

2 Specimen Details

2.1 Specimen identification (as provided by the client)

Client	The Andrews Group
Manufacturer	Bolon AB
Product Code:	Not Provided
Product Type	Woven Flooring
Product description:	Bolon woven flooring - elliptical weave. Bolon woven flooring - profile weave.
Batch Number	Not Provided
Sample Received Date	22-Aug-23
Date (s) of Test	30-Aug-23

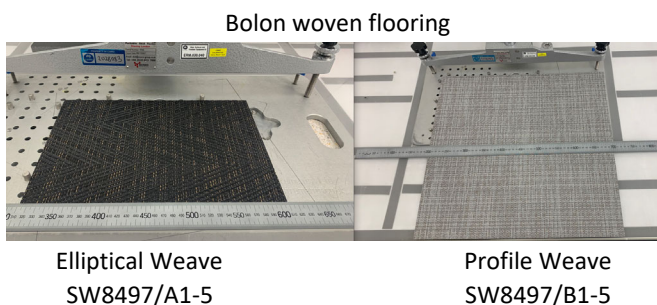


Figure 1: Photograph of the specimen as received

3 NATA accreditation

All the methods are accredited under CSIRO NATA scope

4 Method

4.1 Conditioning of Specimens

The specimens were stored in standard lab conditions prior to testing.

4.2 Test Method

AS4586:2013: Appendix A sets out the method for the measurements of the frictional characteristics of new pedestrian surface materials under wet conditions using a pendulum friction tester, the frictional characteristics of each specimen shall be assessed by determining the wet dynamic friction between the specimen and the slider of the pendulum swinging in the vertical plane.

A pendulum friction tester shall be constructed, and shall comply with the following:

- a) All bearing and working parts of the instrument shall be enclosed as much as practicable, And all materials shall be suitably treated to prevent corrosion under wet conditions,
- b) when not in use on site, the apparatus shall be used and stored in a dust-free environment That not subject to significant temperature variations,
- c) The pendulum friction apparatus shall be calibrated to ensure compliance with BS 7976-3 or CEN/TS 16165

5 Results

Client The Andrews Group Product Type Bolon WovenFlooring

Manufacturer Bolon AB Batch Number Not Provided
 Product Code: Not Provided CSIRO specimen ID WovenFlooring
 Cleaning : Deionized water Temperature: 22.3°C

Pendulum Friction Tester: ERM 030.040 (S/N: 1726, Calibrated 11/11/2021),
 Slider 96, Batch # 22

Elliptical Weave SW8497/A1-5				
Specimen number	Reading 3	Reading 4	Reading 5	Average
SW8497/A1	30	29	29	29.33
SW8497/A2	30	29	29	29
SW8497/A3	30	29	28	29
SW8497/A4	29	29	29	29
SW8497/A5	29	29	28	28.67
Mean SRV	Mean SRV			29

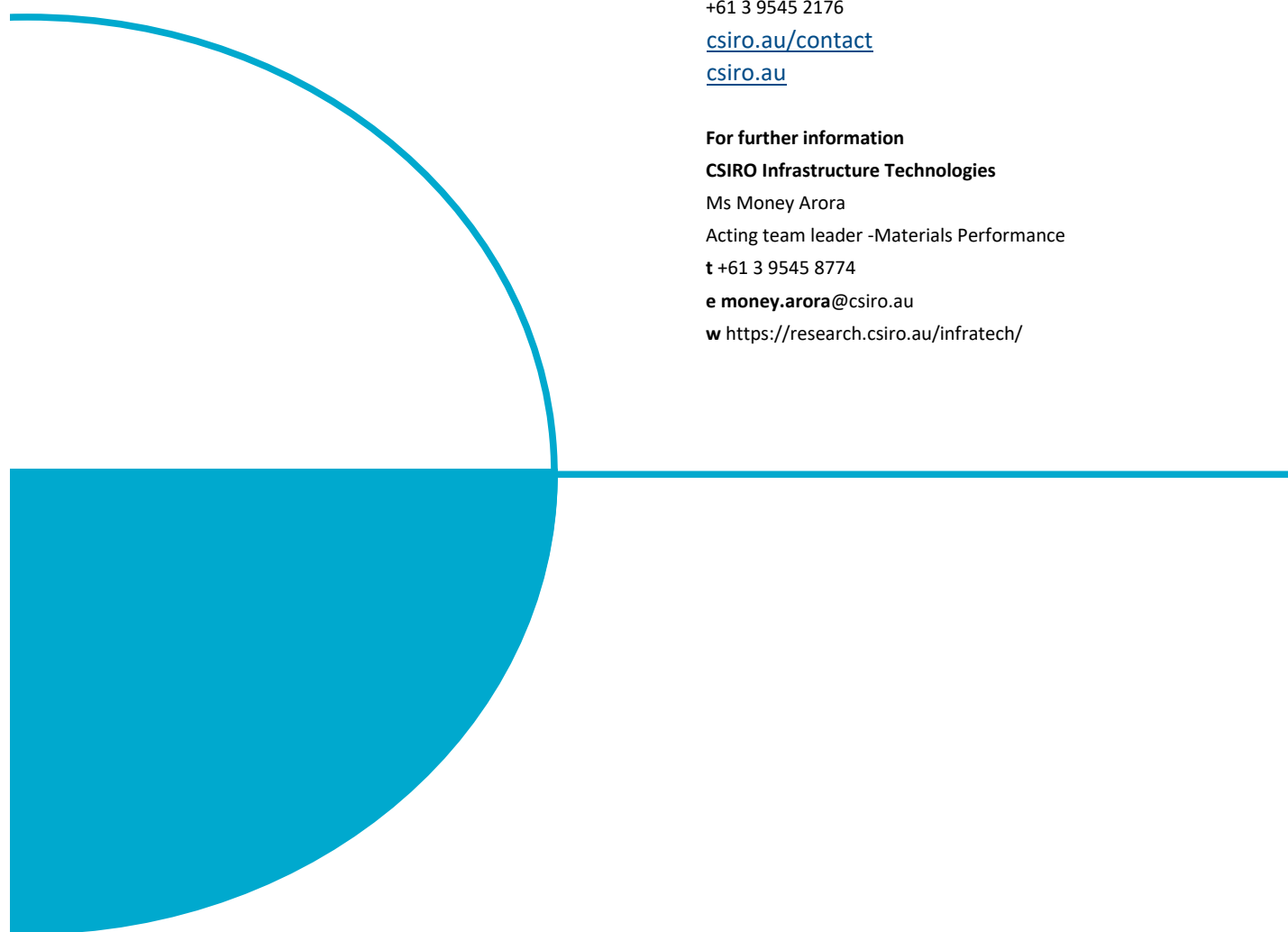
Slip Resistance classification	P2	Class
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Profile Weave SW8497/B1-5				
Specimen number	Reading 3	Reading 4	Reading 5	Average
SW8497/B1	40	40	41	40.33
SW8497/B2	43	41	43	42.33
SW8497/B3	47	46	45	46
SW8497/B4	43	43	43	43
SW8497/B5	44	45	45	44.67
Mean SRV	Mean SRV			43

Slip Resistance classification	P3	Class
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Testing Officer	A Menisi	Date	30-Aug-23
Reviewed By	M.Arora	Date	01-Sep-23

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