

Slip test report – For the classification of the new surface material, Birrus Eco Coir - Natural Coir

Client: Birrus Matting Systems
60 Gains Road
Dandenong VIC 3175

Report Number: RPT-25085-8
Date of Issue: 29 August 2025

Number of Pages: 3



Photo# 7488: Material tested by Safetech Consult

Issued by,
Authorised Signatory



Nasser Cura

Safetech Consult Pty Ltd
80 Dorcas Street
Southbank VIC 3006

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Test Standard: AS 4586-2013, *Slip resistance classification of new pedestrian surface materials*

Report No.: RPT-25085-8

Date of Issue: 29 August 2025

Test conducted for:

Birrus Matting Systems
60 Gains Road
Dandenong VIC 3175

Test conducted at:

80 Dorcas Street
Southbank VIC 3006

Test conducted by:

Safetech Consult Pty Ltd
80 Dorcas Street
Southbank VIC 3006
Personnel: Nasser Cura
Date of Test: 29 August 2025

Materials:

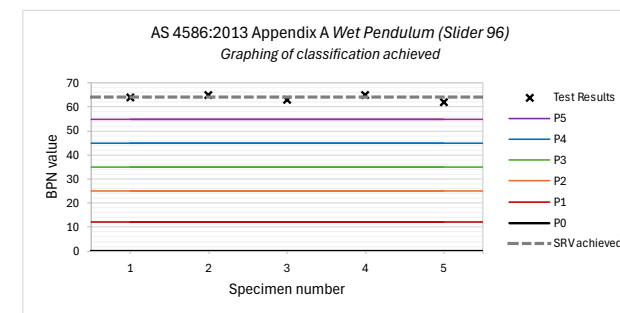
Product Description: Birrus Eco Coir - Natural Coir
Product Manufacturer: Imported by Birrus Matting Systems
Type of Surface: Matting
Surface Details: Unfixed
Equipment: British Pendulum (Munro) – SN# 2444
Slider used for Test: Slider 96 – Batch# 33

Methodology:

Method: AS 4586:2013, Appendix A (Wet Pendulum Test)
Ambient Temperature: 21 °C
Slider Conditioning: P400 conditioning paper, followed by Imperial Pink Lapping Film 261X 3 MIC
Site Conditions: N/A
Extent and Type of Cleaning Performed: None
Direction of Test: N/A
Slope: Level surface (< 2.0 %)
Sampling Procedure: Tested as received, sampling performed by client

Results:

Specimen #	Pendulum Operation (individual swing results)								Mean BPN
1	65	65	64	64	64	-	-	-	64
2	66	65	65	65	65	-	-	-	65
3	64	64	63	63	63	-	-	-	63
4	66	65	65	65	65	-	-	-	65
5	63	63	62	62	62	-	-	-	62
SRV (Slip Resistant Value) of the Sample:									64
Classification achieved:									P5



The reported results include an expanded uncertainty, U_{95} , calculated at a 95% confidence level using a coverage factor, $k \approx 2.0$ (excluding sampling variability). The U_{95} has been estimated to be ± 4 BPN. Assessments have been conducted on a defined, homogeneous material, with results only relating to the item(s) specifically tested.

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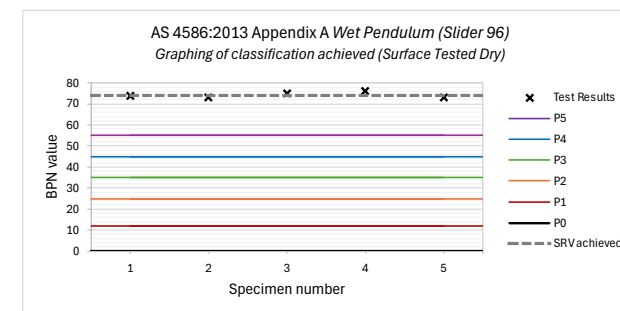
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Methodology:

 Method: AS 4586:2013, Appendix A (Wet Pendulum Test)
 Ambient Temperature: 21 °C
 Slider Conditioning: P400 conditioning paper, followed by Imperial Pink Lapping Film 261X 3 MIC
 Site Conditions: N/A
 Extent and Type of Cleaning Performed: None
 Direction of Test: N/A
 Slope: Level surface (< 2.0 %)
 Sampling Procedure: Tested as received, sampling performed by client

Results:

Specimen #	Pendulum Operation (individual swing results)								Mean BPN
1	76*	75*	75*	74*	74*	-	-	-	74*
2	75*	74*	74*	73*	73*	-	-	-	73*
3	76*	76*	75*	75*	75*	-	-	-	75*
4	77*	76*	76*	76*	75*	-	-	-	76*
5	74*	73*	73*	73*	73*	-	-	-	73*
SRV (Slip Resistant Value) of the Sample:									74*
Classification achieved:									P5*



The reported results include an expanded uncertainty, U_{95} , calculated at a 95% confidence level using a coverage factor, $k \approx 2.0$ (excluding sampling variability). The U_{95} has been estimated to be ± 4 BPN. Assessments have been conducted on a defined, homogeneous material, with results only relating to the item(s) specifically tested.

* As the material exhibits characteristics of new carpet or as a 'carpet-like' surface material, testing has been conducted in the dry condition (not saturated with potable water). As such, reporting of test values and classifications are provided in accordance with Clause A2 (c) of AS 4586:2013 – 'Surface Tested Dry'.

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