

## **Slip Check to AS 4586-2013 Protecta FRP Grating**

**Report Number: R34031c**  
**Report Date: 30 June 2025**  
**Total Number of Pages 2**

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Accredited for compliance with ISO/IEC 17025 – Testing

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**Issued by**

Safe Environments Pty Limited  
6/7 Inglewood Place  
Norwest NSW 2153

**Prepared for**

Protecta Group  
13 Rachael Close, 30 Fariola Street  
Silverwater NSW 2128

**Approved by**



Ratan Venkatesan  
Authorised Signatory

30 June 2025

# Test Report No. R34031c

## Slip Resistance Classification of New Pedestrian Surface Materials

### AS 4586-2013 Appendix A (Wet Pendulum Test)

The slip resistance classification has been determined for unused surfaces under specific conditions. Factors such as usage, cleaning systems, applied coatings and patterns of wear may affect the characteristics of the surface after classification. Standards Australia Handbook 198:2014 *Guide to the specification and testing of slip resistance of pedestrian surfaces* provides guidance for the selection of slip resistant pedestrian surfaces classified in accordance with AS 4586-2013. It is recommended that this test report be read in conjunction with AS 4586, HB 197 & HB 198.

Requested by: Protecta Group  
Client Address: 13 Rachael Close, 30 Fariola Street  
Silverwater NSW 2128  
Product Manufacturer: Protecta  
Product Description: Protecta FRP Grating

Test conducted according to: AS 4586:2013 Appendix A  
Sampling Procedures: Performed by client and tested as received.  
Location: 6/7 Inglewood Place, Norwest NSW 2153

Conducted by: Mathew Sutton

Date: 30 June 2025                      Temperature: 16°C  
Sample: Unfixed                      Cleaning: None  
Rubber slider used: Slider 96                      Conditioned: Grade P 400 paper dry followed  
Slope of specimen: Tested on a flat level surface                      by wet lapping film  
Direction of Test: Approximately 10° to grid

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Mean BPN of last 3 swings:	75*	78*	75	79*	75

<b>Reported SRV of Sample:</b>	<b>76</b>
<b>Class:</b>	<b>P5</b>

**\* Lowest three values of last five measurements used due to variability in readings**

The expanded uncertainty ( $U_{95}$ ) at the 95% level of confidence with a coverage factor ( $k$ ) of 2 has been estimated to be 3 BPN or 8 %, whichever is the greater; sampling uncertainty has not been included. The expanded uncertainty should be considered when interpreting results or assessing conformity. Results relate only to items tested.