Mr M Jepson Floorsafe NZ (2008) Ltd 75 Katerini Grove Papamoa 3118



Lab Ref: 12/115

Dear Murray

Slip Resistance Testing – Flooring Products

Attached are the results of British pendulum tests carried out on samples of Floorsafe FRP Tile and Floorsafe MFRP Nosing.

Testing was carried out by Greg Cleaver of Opus Laboratory on 1 March 2012 in accordance with AS/NZS 4586:2004, Appendix A.

This report may only be reproduced in full.

Yours faithfully
Opus International Consultants

R Bruce Hudson Laboratory Manager

Telephone: +64 7 578 5425 Facsimile: +64 7 578 3382 Website: www.opus.co.nz

BRITISH PENDULUM TEST REPORT

Material:

Project :

Client: Air Temp °C :

Tested by:

Floorsafe FRP Tile

Greg Cleaver (Opus Laboratory)

Quality Assurance - Slip Resistance

Floorsafe NZ (2008) Limited

Lab Ref No: Project No: 12/115 255102.00/0TL OPUS

Client Ref:

Test No:	_	Test No:	2	Test No:	3	Test No:	4	Test No:	G1
Treatment :	N/A	Treatment:	N/A	Treatment :	N/A	Treatment :	N/A	Treatment :	N/A
Test No.	BP Reading	Test No.	BP Reading	Test No.	BP Reading	Test No.	BP Reading	Test No.	BP Reading
->	71	7	77	7	77	1	69	1	74
	72	2	76	2	77	2	68	2	75
3	71	သ	76	ω	77	ω	68	3	74
4	71	4	76	4	77	4	68	4	74
Ö	71	5	76	5	77	5	68	5	74
Average (last 3)	71	Average (last 3)	76	Average (last 3)	77	Average (last 3)	68	Average (last 3)	74
				Test Avera	Test Average BP = 73				
Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP	A/N
Coefficient of friction	0.82		0.90		0.91		0.78		0.87
			Test	Test Average co-efficient of Fricti	cient of Friction	on = 0.86			
Test Method					Notes				
S/NZS 4586:2004,	Appendix A - Wet p	AS/NZS 4586:2004, Appendix A - Wet pendulum test method.			Tested with paver (4S) type slider	4S) type slider.			
Date tested :	1 March 2012				Coefficient of friction taken from AS/NZS 3	Coefficient of friction taken from AS/NZS 3661.1:1993. Appendix A.	3661.1:1993. Appen	ndix A.	

Designation : Date :

4 March 2012 Laboratory Manager

BRITISH PENDULUM TEST REPORT

Project :

Material:

Client: Air Temp °C:

Tested by:

Floorsafe MFRP Nosing Quality Assurance - Slip Resistance

Floorsafe NZ (2008) Limited Greg Cleaver (Opus Laboratory)

OPUS

Project No: 255102.00/0TL

Client Ref: Lab Ref No: 12/115

				0 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -				1 March 2012	Date tested · 1
			(4S) type slider.	Tested with paver (4			AS/NZS 4586:2004, Appendix A - Wet pendulum test method.	Appendix A - Wet p	4S/NZS 4586:2004, £
				Notes					Test Method
		the December of the Control of the C	= 0.83	ient of Friction	Test Average coefficient of Friction = 0.83	Test			
0.76		0.87		0.76		0.88		0.87	of friction
N/A	Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP	N/A	Adjusted BP
				Test Average BP = 71	Test Avera				
67	Average (last 3)	74	Average (last 3)	67	Average (last 3)	75	Average (last 3)	74	Average (last 3)
67	5	74	ΟΊ	67	5	75	51	75	Oi
67	4	74	4	67	4	76		74	4
67	ယ	75		68	3	75	3	74	3
66		74	2	67	2	76	2	75	2
67		74	_	67		75		74)
BP Reading	Test No.	BP Reading	Test No.	BP Reading	Test No.	BP Reading	Test No.	BP Reading	Test No.
N/A	Treatment :	N/A	Treatment:	N/A	Treatment:	N/A	Treatment:	N/A	Treatment :
5	Test No:	4	Test No:	ω	Test No:	2	Test No:	_	Test No:
				Test Results	Test				

Date reported: 4 March 2012

Signatory

Designation : Date : Laboratory Manager
4 March 2012

Coefficient of friction taken from AS/NZS 3661.1:1993. Appendix A. This report may only be reproduced in full.