FUGRO TECHNICAL SERVICES LIMITED
Fugro Development Centre
5 Lok Yi Street, Tai Lam
Tuen Mun, NT
Hong Kong

Client Ref. : --

Report No. : 220501ST220118(5)A

REPORT ON DETERMINATION OF STATIC AND SLIDING COEFFICIENT OF FRICTION ON DRY AND WET SURFACE

Information Supplied by Client

Client : Fountain WPC Company Limited
Project : Testing of Recycled Timber
Sample Description : Recycle Timber

Laboratory Information

Lab. Sample I.D. : ST220118/16-21
Date Received : 10 March 2022
Date Tested : 29 March 2022
Test Method : ASTM D2394-05(2011)

Test Results

Sliding Coefficient of Friction (Perpendicular to Grain)					
Lab. Sample I.D.	Condition	Maximum Load (N)	Minimum Load (N)	Average Load (N)	Sliding Coefficient of Friction
ST220118/16	Dry	39.55	30.00	34.8	0.31
ST220118/17	Dry	36.16	26.14	31.2	0.28
ST220118/18	Dry	36.53	27.00	31.8	0.29
				Average	0.29
ST220118/19	WET	35.78	32.00	33.9	0.31
ST220118/20	WET	37.29	31.20	34.2	0.31
ST220118/21	WET	36.91	33.20	35.1	0.32
				Average	0.31

Static Coefficient of Friction (Perpendicular to Grain)			
Lab. Sample I.D.	Condition	Applied Load (N)	Static Coefficient of Friction
ST220118/16	Dry	36.91	0.33
ST220118/17	Dry	35.78	0.32
ST220118/18	Dry	37.66	0.34
		Average	0.33
ST220118/19	WET	39.55	0.36
ST220118/20	WET	43.69	0.39
ST220118/21	WET	45.95	0.41
		Average	0.39

Remarks :
1.) The test results relate only to the samples tested.
2.) The results apply to the sample as received.
3.) The test configuration is shown in the photograph on page 2 of this report.
4.) This report is to supersede our previous test report no. 220501ST220118(5).

Checked by : _____ Date : 26 JUL 2023 Certified by : _____ Date : 26 JUL 2023

Chan Chun Wai Ivan
Manager (Product Testing Laboratory)

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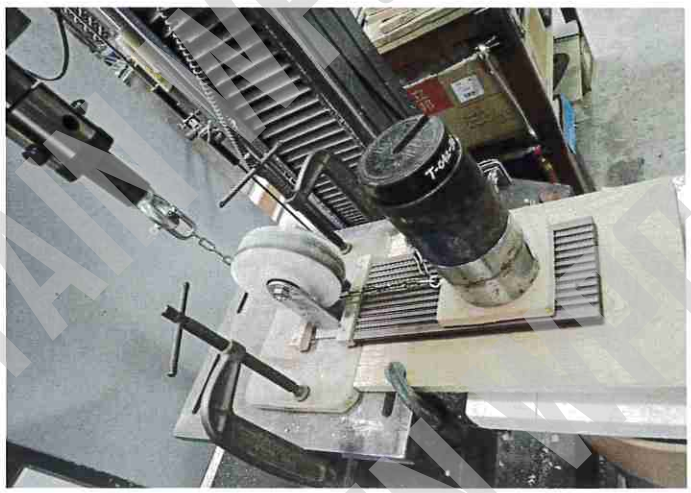

Test Configuration
Sample I.D.: ST220118/16-21

End of Report

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