



ISO 91001:2008



DOST

TEST RESULTS

Customer's name : **Mr. Mark Eugene Tan**
 Company name : Stantrade Dev't Inc.
 Company address : 20th Ave., Cubao, Quezon City
 Test name : Sound Insulation (Sound Reduction Index)
 Equipment used : Sound Reflection/Absorption Testing Chamber
 Date tested : 14 May 2014

Test Sample Name	Frequency (Hz)	Sound Pressure Level (dBm) Sending	Sound Pressure Level (dBm) Receiving	Sound Reduction Index (dBm)
Palmeco Board 12mm	280	92.4	67.4	25
	500	95.7	59.5	37
	750	102	60.4	42
	1000	92.6	62.9	29
	1500	96.9	61.8	35
	2000	97.9	60.4	38
	2800	89.9	60.4	30
	3200	97	64.3	33
	4200	94	60.8	33

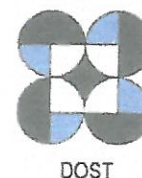
Tested by: *CVB*
 Carlos V. Dionglay
 Sc. Res. Analyst

Assisted by: *R. F. Molina*
 Relita F. Molina
 Sc. Res. Assistant

Noted by: *Elvina O. Bondad*
 Elvina O. Bondad
 Chief, Physics and Mechanics Section

"Providing R&D and techno-transfer services in the use of wood and non-wood forest products"

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Test Sample Name	Frequency (Hz)	Sound Pressure Level (dBm) Sending	Sound Pressure Level (dBm) Receiving	Sound Reduction Index (dBm)
Palmeco Board 9 mm	280	91.5	69.1	22
	500	95.7	59.5	35
	750	102	60	42
	1000	92.8	63.7	29
	1500	92.8	60.5	27
	2000	97.8	59.9	38
	2800	89.8	60.9	29
	3200	96.9	67.8	29
	4200	93.9	59	35

Tested by: *CD*
 Carlos V. Dionglay
 Sc. Res. Analyst

Assisted by: *RFM*
 Relfa F. Molina
 Sc. Res. Assistant

Noted by: *EB*
 Elvina O. Bondad
 Chief, Physics and Mechanics Section

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Test Sample Name	Frequency (Hz)	Sound Pressure Level (dBm) Sending	Sound Pressure Level (dBm) Receiving	Sound Reduction Index (dBm)
Palmeco Board 6 mm				
	280	91.6	70.9	21
	500	95.7	59.2	37
	750	102	62	40
	1000	92.5	65	28
	1500	96.8	62.7	35
	2000	97.9	59.7	37
	2800	90	62	28
	3200	97	70.7	26
	4200	93.9	59.2	35

Tested by: *C. D. Longlay*
 Carlos V. Dlonglay
 Sc. Res. Analyst

Assisted by: *R. F. Molina*
 Relita F. Molina
 Sc. Res. Assistant

Noted by: *E. O. Bondad*
 Elvina O. Bondad
 Chief, Physics and Mechanics Section