



TESTING LABORATORY
PT. TATALESTARI RIMBABUANA

Jl.Magelang-Purworejo km.9 Tempuran Magelang

Page 1 Of 4

REPORT OF TESTING

Product & Type : Blockboard & T.2 F☆☆☆☆
Date of Test : 26-28 April 2019
Product Date : 25 April 2019
Thickness & Size(mm) : 18 X 1220 X 2440
Tested for : Formaldehyde Emission,Moisture Content , and Delamination
Standard test method : JAS 2014

TEST RESULT :

Formaldehyde Emission:

Sample code	Concentration(mg/l)	Ave.Concentration (mg/l)	Max.Concentration (mg/l)	Judgement
I	0.2	0.2	0.2	PASSED
II	0.2			

Moisture Content:

Sample code	Result		Percentage Of Pass	Judgement
	I	II		
Ave.Moisture Content(%)	8%	10%	100%	PASSED

Delamination:

Sample code	Result		Percentage of Pass	Judgement
	I	II		
Delamination(Max) (mm)	0	11	100%	PASSED

Standard F☆☆☆☆

Emission : Average:0.3 mg/l Max:0.4 mg/l
Moisture Content : max 14 %
Delamination : ≤ 25 mm

Laboratory



Salamun

Laboratory

Hatib Winarto



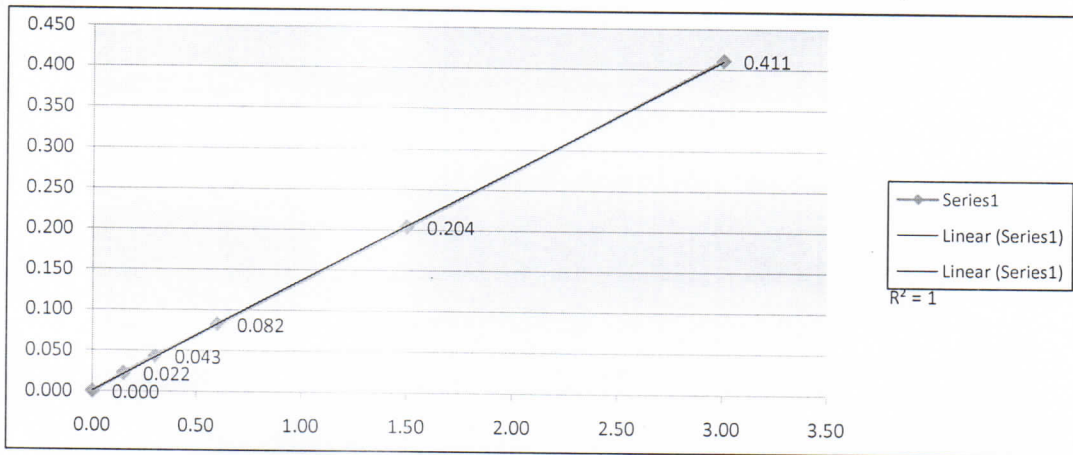
Test Date	26-28 April 2019
Product Date	25 April 2019
Thickness and Size(mm)	18 X 1220 X 2440
Product & Type	Blockboard T.2 F☆☆☆☆

Sample Size(mm)	150X50
Pieces Per Panel	9

CURVE CALIBRATION TABEL

Concentration	Absorbe	Slope	Linearity
0.00	0.000	0.14	1
0.15	0.022		
0.30	0.043		
0.60	0.082		
1.50	0.204		
3.00	0.411		

CURVE CALIBRATION GRAPHIC



FORMALDEHYDE EMISSION TABEL

Sample	Absorbe	Slope	Emission(mg/l)
I	0.029	0.14	0.21
II	0.021		0.15

RESULT

Max	0.2
Average	0.2
Judgement	PASSED

Emission Standar : Average:0.3 mg/l Max:0.4 mg/l

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Test Date	26-28 April 2019
Product Date	25 April 2019
Thickness and Size(mm)	18 X 1220 X 2440
Product & Type	Blockboard T.2 F☆☆☆☆

Sample Size(mm)	75x75
Pieces Per Panel	2

TEST:

Date	26 April 2019		27 April 2019				28 April 2019				Constant	MC(%)	Average (%)	
	Sample	W1	W2	Time		W3	Time		W4	Time				
				IN	OUT		IN	OUT		IN				OUT
I	36.625	34.065	08.00-14.00		33.955	08.00-14.00		33.943	09.00-15.00		0.04	7.9	8	
	35.724	33.206									33.107	33.091		0.05
II	35.197	33.168	08.00-14.00		33.026	08.00-14.00		32.016	09.00-15.00		3.15	9.9	10	
	35.518	32.454									32.347	32.314		0.10
III														
IV														
V														
Judgement	PASSED													
Max	14%													

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Hatib Winarto



Test Date	26 April 2019
Product Date	25 April 2019
Thickness and Size(mm)	18 X 1220 X 2440
Product & Type	Blockboard T.2 F☆☆☆☆

Sample Size(mm)	75X75
Pieces Per Panel	4

Sample	Pcs	Side	Delamination(mm)				Judgement	Percentage Of Pass
			Glue Line					
			1	2	3	4		
I	1	A	0	0	0	0	PASSED	100%
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
	2	A	0	0	0	0	PASSED	
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
	3	A	0	0	0	0	PASSED	
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
	4	A	0	0	0	0	PASSED	
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
II	1	A	0	7	0	0	PASSED	100%
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	9	0	0		
	2	A	0	0	0	0	PASSED	
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
	3	A	0	0	0	0	PASSED	
		B	0	0	0	0		
		C	0	0	0	0		
		D	0	0	0	0		
	4	A	0	0	5	0	PASSED	
		B	0	0	0	0		
		C	0	0	11	0		
		D	0	0	9	0		
Result							100%	

Judgement	PASSED
Delamination	≤ 25 mm

Checked By

Salamun

Tested By

Hatib Winarto