

THE STRENGTH PROPERTIES OF CEMENT BOARD FROM
PAYUNG INDONESIA (*HURA CRITEFANS*)
AT 1000 KG/M³ AND 1200 KG/M³

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TABLE OF CONTENTS

	Page
APPROVAL SHEET	i
DEDICATION	ii
ACKNOWLEDGEMENT	iii
LIST OF TABLES	iv
LIST OF FIGURES	v
LIST OF PLATES	vi
ABSTRACT	vii
ABSTRAK	viii
 CHAPTER	
1.0 INTRODUCTION	1
1.1 Cement Bonded Particle Board	1
1.2 Objectives	2
2.0 LITERATURE REVIEW	3
2.1 Distribution of Payung Indonesia	3
2.2 Physical Properties of Payung Indonesia	3
2.3 Working qualities and Uses Payung Indonesia.....	5

2.4	PROPERTIES OF CEMENT BOARD	6
2.4.1	Fire resistant	6
2.4.2	Weather resistant	6
2.4.3	Workability	7
2.4.4	Sound insulation	7
2.4.5	Durability	7
2.4.6	Fungal Resistant	8
2.4.7	Smooth Surface	8
2.5	USE OF CEMENTBOARD	9
2.5.1	Permanent shuttering	9
2.5.2	Roof insulation	9
2.5.3	Ceilings	10
2.5.4	Decorative	10
3.0	MATERIAL AND METHOD.....	11
3.1.1	Wood	11
3.1.2	Chipping	11
3.1.3	Flaking	11
3.1.4	Lodger mixer	12
3.1.5	Forming	13
3.1.6	Hydraulic pressure	14
3.1.7	Hardening chamber	15
3.1.8	Curing	16
3.1.9	Sampling	16

ABSTRACT

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This project was carried out to knowledge about the strength properties of Cement board from Payung Indonesia. The samples of experimental board were test to determine the strength properties of the sample. The testing was performing with thickness swelling and water absorption. This testing is important to determine water absorption in cement board from Payung Indonesia. Bending strength testing has been done to measurement the strength at cement board. The result value is affected by density of the sample. The result from testing shown the cement has a density 1000 kg/m³ not achieved the standard value, but the cement board at 1200 kg/m³ achieved the standard value required. So, the high density gives the maximum result rather than the low-density give the maximum result.