

**PRODUCT DEVELOPMENT OF MINI PANTRY CUPBOARD FROM
MEDIUM DENSITY FIBREBOARD**

By

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TABLE OF CONTENT

	Page
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS	v
LIST OF TABLES	viii
LIST OF FIGURES	ix
LIST OF PLATES	x
LIST OF APPENDICES	xi
LIST OF ABBREVIATIONS	xii
ABSTARCT	xiv
ABSTRAK	xv
CHAPTER 1	1
INTRODUCTION	1
1.1 Background of study	1
1.2 Objectives	1
1.3 Design concept	2
1.4 Malaysian Furniture Industry	2
1.5 Malaysian Furniture Market	4
1.6 Medium Density Fibreboard (MDF)	6
1.6.1 Properties of MDF	6
1.6.2 Advantages of MDF	7

CHAPTER 2	LITERATURE REVIEW	9
2.0	Introduction	9
2.1	Pantry Cupboard	10
2.2	Potential of MDF in Malaysia	11
2.3	Application of MDF	13
2.4	Hardware	14
	2.4.2 Hinges	14
	2.4.3 Drawer slide	16
CHAPTER 3	MATERIALS AND METHODS	18
3.0	Introduction	18
3.1	Materials	18
	3.1.1 Panel products	18
	3.1.2 Fastener and fittings	18
3.2	Equipment and machineries	19
3.3	Methodology	20
	3.3.1 Method of preparation	20
	3.3.2 Processing method	23
	3.3.3 Finishing method	41
	3.3.4 Costing method	42
CHAPTER 4	RESULTS AND DISCUSSIONS	44
4.0	Results and Discussions	44
4.1	Manufacturing process	47

ABSTRACT

PRODUCT DEVELOPMENT OF MINI PANTRY CUPBOARD FROM MEDIUM DENSITY FIBREBOARD (MDF)

Recently, MDF is being as a primary composite panel products used in furniture, construction, and other purposes. Besides, MDF has varied special properties rather than other composite panel products. The suitability and effectiveness of MDF as a major raw material and the installation of selected hardware for Mini Pantry Cupboard were justified. One piece MDF board (1219.20 mm x 2438.40 mm x 18 mm) was used to make the components of this product. From observation during product development process, the defect split was found occurred which effects on MDF board especially at the distance near the edge. Screwing further than 25 mm from edge might split the MDF board. However, the performance of other hardware installed for this project was no significant to MDF board.