

DEPARTMENT OF BUILDING UNIVERSITI TEKNOLOGI MARA (PERAK)

FLOOR FINISHING (INSTALLATION OF CERAMIC TILES)

PREPARED BY:
ALDRIANNA BT MOHD KAMAL
2019258528

ACKNOWLEDGEMENT

First and foremost I am very grateful to Allah S.W.T for letting me experience and expose myself in the construction industry. Deepest gratitude for the help and support to the person who are in a way of contributing during my internship programme.

I would like to thank En. Sabri Musa and his wife, Pn. Norita Husin for giving me a chance to work in his company, Road Ark Sdn. Bhd. for 2 weeks before realising my scope of study does not match the scope work but still manage to guide me and explain the basics of managing a company.

My internship journey then was taken place in Orkid Bina Sdn. Bhd, all thanks to Anis Nadhirah and Nizam Hairi for suggesting and to En. Faidzal Al-Hafidz for accepting me into his company with an open heart. I consider myself lucky to be recruited as an intern during this pandemic era. Next, I wish to humbly express my sense of gratitude to En. Firdaus Abd Ghani and En. Shaiful Anuar who conducted my training under their supervision. I would like to thank the young contractors who work in this company including Nazirul Zakwan, Muriz Fuad and Afik Fadhli for being such an inspiration for being successful at 21 years old. Not to forget, the general workers in site. Their active participation to all my questions has made my journey a lot more fun. It was a privilege and I feel truly honoured working in an amazing company.

Aside from that, I would also like to thank UiTM lecturers that taught me and nurtured me during my studies. It is always a pleasure to be under their sincere guidance. To Sir Anas Zafirol, Supervising Lecturer, Ms. Nor Azizah Talkis, Practical Training Coordinator, Sir Muhammad Naim Mahyuddin, Practical Training Coordinator and Dr. Dzulkarnaen b Ismail, the Programme Coordinator, I truly appreciate the time, effort, encouragement and ideas given throughout my training.

Last but not least, I would like to thank my parents, siblings and friends for their sacrifices over the years. My apologies towards all the unnamed who helped me in various ways during my internship programme. Thank you very much.

ABSTRACT

Flooring is an important part of any interior design and can easily make or break your space. Tiles on the other hand, serve more than their function as a protective surface of home, they too, play an important role in the interior design by creating an atmosphere which adds to the look and feel of the living space. This report will discuss about the floor finishing work in a site located in Lorong Ros, Kuang, Selangor that owned by Puan Amyra Nadiah Bt Ismail Ali. The objective of this report is to analyse the method of installing ceramic tiles. It will focus on the whole process of installing ceramic tiles using the Wet Rendering Method. It also identifies the tools, machineries and material used and the time taken for the whole process. Every process taken is essential because it directly impacts the way the owner experience home and not just provide comfort but it also sets the tone for everything.

CONTENTS

Acknowledge	ments		i
Abstract			ii
Contents			iii
List of Tables		iv	
List of Figure	s		v
CHAPTER	1.0	INTRODUCTION	
	1.1	Background of Study	1
	1.2	Objectives	3
	1.3	Scope of Study	3
	1.4	Methods of Study	3
CHAPTER	2.0	COMPANY BACKGROUND	
	2.1	Introduction of Company	5
	2.2	Company Profile	6
	2.3	Organization Chart	7
	2.4	List of Project	
		2.4.1 Completed Projects	8
		2.4.2 Project in Progress	8
CHAPTER	3.0	CASE STUDY	
	3.1	Introduction to Case Study	9
	3.2	The tools and material used to install ceramic tiles.	12
	3.3	The methods of installing ceramic tiles.	17
	3.4	The time taken to install tiles.	25
CHAPTER	4.0	CONCLUSION	
	4.1	Conclusion	28

REFERENCES

CHAPTER 1.0

INTRODUCTION

1.1 Background of Study

Finishing can be defined as the final layer which protects and fixes the surface of the building elements and at the same time, it beautifies it. This layer is a crucial role in visual and phycological definition of interior space. At the period of traditional buildings, traditional materials such as stones, wood and adobe was used even till this day. Those materials are used uncoated or sometimes plastered. After the transition to modern architectural, the building section has gotten thinner and new layers had to be added in order to provide comfort requirements. Hence, new finishing layers were added.

Floor is the horizontal structural element of the building. The initial function of floor is it acts as load-bearing. The strength of the floor is heightened by connecting the walls in solid masonry systems. At skeleton systems, it has to carry its own load before transferring it to the system. Besides that, it also has to be resistant to some effects such as heat, water, moisture and noise, according to its location in building. Floor's section can be analysed in four layers. For example, floor coating, base, structural system and ceiling coating. Floor and ceiling coatings both are finishing layers and have to create a visually and functionally favourable impact (Toydemir et al, 2000).

The quality of the finishes of housing is important to ensure the comfort and quality of living. Quality in the construction industry assumes a significant role to guarantee the personal satisfaction of the occupants. In this manner, the quality of the construction industry ought to be improved now and then. Improvement of the quality in the construction is likewise significant as the construction industry contributes a high rate to the development of the economy of the country. Along these lines, it is critical to building up a quality management system or quality assessment system to improve the quality of work in the construction industry.