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**(PERAK)**

**INTERLOCKING BRICK**

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## **ABSTRACT**

Interlocking bricks is used in Industrial Building System (IBS) which is blockwork system, one of the six categories of Industrialized Building System (IBS). Industrial Building System (IBS) is a term used in Malaysia. It refers to a construction technique in which components are manufactured in a controlled environment-either inside or outside the site where they are placed and installed for construction work.

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# CHAPTER 1

## INTRODUCTION

### 1.1 Introduction

Industrial Building System (IBS) is a term used in Malaysia. It refers to a construction technique in which components are manufactured in a controlled environment-either inside or outside the site where they are placed and installed for construction work. It is also known as Pre-Fab Construction, Modern Construction Method (MMC) and Off-Site Construction.

There are six categories of Industrialized Building System (IBS) under the Malaysian Construction Industry Development Board (CIDB), namely 'Pre-cast Concrete', 'Reusable Formwork System', 'Steel Framing System', 'Prefabricated Timber Framing System' 'Block work System' and 'Innovative System'.

Blockwork system is an evolution of the use of conventional bricks. Blockwork system is a construction of concrete or concrete blocks larger than standard clay or concrete bricks. Interlocking brick also used in this blockwork system. Interlocking bricks are an enhanced form of conventional clay brick. Each brick is constructively designed to lock itself on other bricks around without the use of mortar.