K-STRUCTURES™

My Ibs HOMES

DREAM IT | BUILD IT | OWN IT

KSTR
IBS BUILDING SYSTEM

BUILDING YOUR FUTURE SMARTER

- 50% Lighter Than Conventional Construction Method
- 2x Faster Than Conventional Construction Method
- Required Lesser Skilled Worker
- Wall Align Vertically & Horizontally
- 4% Extra Floor Space Available
- Fire Resistant Building
- Better Sound and Thermal Insulation
- System Tested by USM & SIRIM

IBS Certified By: CIDB MALAYSIA

Structural Tested By: UNIVERSITI SAINS MALAYSIA

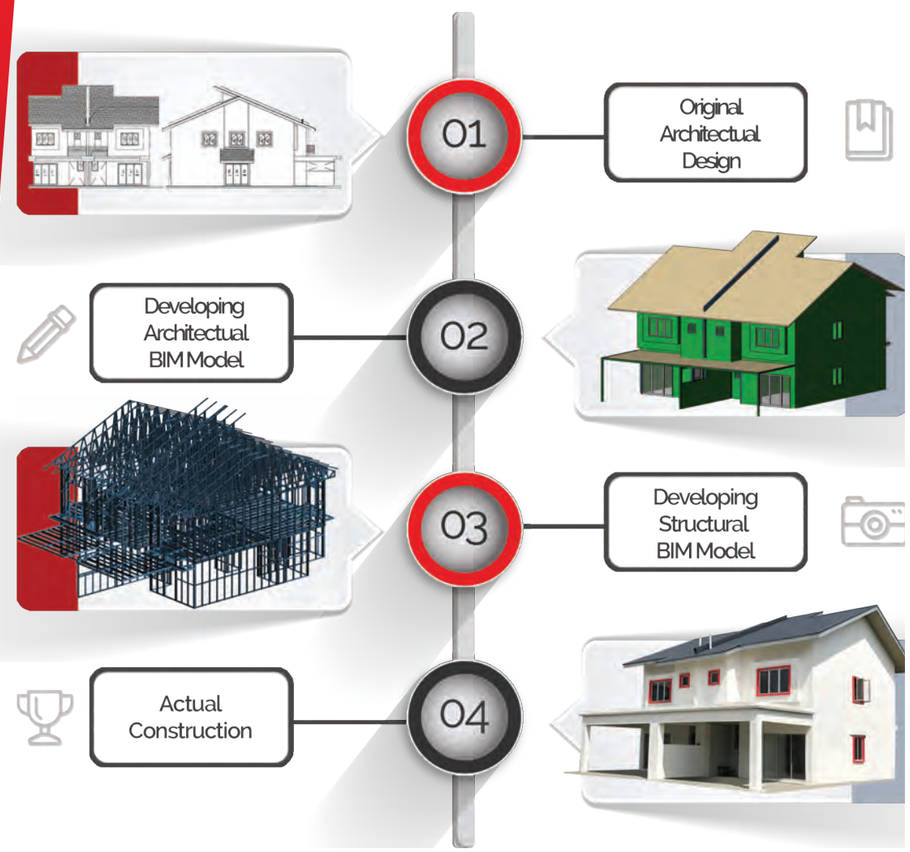
Fire Tested By: SIRIM QAS INTERNATIONAL

KSTR IBS BUILDING SYSTEM

consists of load-bearing, none load-bearing wall system, composite floor slab construction that built with a series of high tensile galvanized cold formed C-sections. The total building weight can be designed lighter by half compared to conventional building.

This system minimizes the need for R.C beam, column, timber formwork, brick & plastering works; other advantages include fast paced construction, minimizing site workers, up to 3 hours fire properties, excellent thermal and sound resistance, optimized design for foundation substructure and etc.

IBS DESIGN SOFTWARE



Bungalowe Design

yasmin

SPECIFICATIONS

STRUCTURE		: KSTR IBS BUILDING SYSTEM
WALL	EXTERNAL	: KSTR SOLID WALL
	INTERNAL	: KSTR SOLID WALL
	PARTY WALL	: KSTR PARTY WALL
ROOF STRUCTURE		: LIGHTWEIGHT STEEL
ROOF COVERING		: KS760D METAL ROOF
ROOF INSULATION		: ROCKWOOL & ALUMINIUM FOIL
CEILLING		: PLASTER CEILLING
DOOR		: FLUSH DOOR
ELECTRICAL WIRING		: PROVIDED
BUILD UP		: 1,060 sq.ft

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL BUILDING MAY VARIES.

GROUND FLOOR LAYOUT

PERSPECTIVE VIEW

FRONT ELEVATION

REAR ELEVATION

LEFT SIDE VIEW

RIGHT SIDE VIEW

SPECIFICATIONS

STRUCTURE		: KSTR IBS BUILDING SYSTEM
WALL	EXTERNAL	: KSTR SOLID WALL
	INTERNAL	: KSTR SOLID WALL
	PARTY WALL	: KSTR PARTY WALL
ROOF STRUCTURE		: LIGHTWEIGHT STEEL
ROOF COVERING		: KS760D METAL ROOF
ROOF INSULATION		: ROCKWOOL & ALUMINIUM FOIL
CEILLING		: PLASTER CEILLING
DOOR		: FLUSH DOOR
ELECTRICAL WIRING		: PROVIDED
BUILD UP		: 1183 sq.ft

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL BUILDING MAY VARIES.

GROUND FLOOR LAYOUT

PERSPECTIVE VIEW

FRONT ELEVATION

REAR ELEVATION

LEFT SIDE VIEW

RIGHT SIDE VIEW

Semi -D Design

SHAKIRA
SEMI-DETACHED UNIT

SHAKIRA
SEMI-DETACHED UNIT

SPECIFICATIONS

STRUCTURE		: KSTR IBS BUILDING SYSTEM
WALL	EXTERNAL	: KSTR SOLID WALL
	INTERNAL	: KSTR SOLID WALL
	PARTY WALL	: KSTR PARTY WALL
ROOF STRUCTURE		: LIGHTWEIGHT STEEL
ROOF COVERING		: KS760D METAL ROOF
ROOF INSULATION		: ROCKWOOL & ALUMINIUM FOIL
CEILLING		: PLASTER CEILLING
DOOR		: FLUSH DOOR
ELECTRICAL WIRING		: PROVIDED
BUILD UP		: 921 sq.ft / unit

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL BUILDING MAY VARIES.

GROUND FLOOR LAYOUT

ROOF LAYOUT

3D REAR VIEW

SHAKIRA
SEMI-DETACHED UNIT

FRONT ELEVATION

REAR ELEVATION

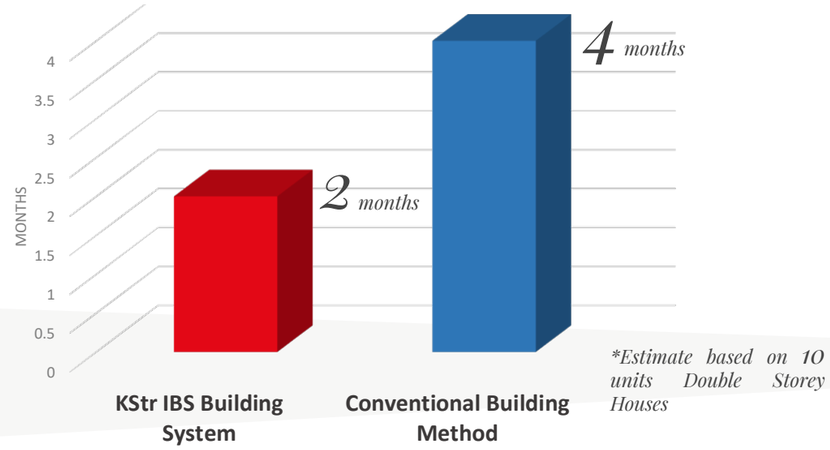
SIDE VIEW

COMPANY BACKGROUND

Kemuning Structures Sdn Bhd was incorporated in the year 2001 and is a member of Vantage Group of Companies. Manufacturing facility is currently located in Bukit Kemuning, Shah Alam. Our primary core business lies in providing Quality Solutions in Steel Building System through our range of Design & Build Steel Solutions , which comprises:-

- KStr IBS Building System
- KStr Wall Framing System
- KStr Lightweight Roof Truss System
- KStr Lightweight Shed System
- KStr Metal Roof Covering System
- KStr Solar Photovoltaic System
- KStr Solar Mounting Structure Solutions

CONSTRUCTION SPEED COMPARISON *(Before Finishing)*



**Estimate based on 10 units Double Storey Houses*

STRUCTURAL TEST

A series of tests were carried out together with University of Science Malaysia (USM) for all KStr Wall framings and KStr Floor system.

All composite wall specimen and composite floor slab specimen were load tested and have shown no sign of structural failures.

FIRE TEST

KStr Party Wall Specimen were fire tested under load bearing condition and undergo high pressure cold water splash test after fire in Sirim Shah Alam Malaysia and was found to be satisfactory.

Party Wall Fire certificate was issued by Jabatan Bomba dan Penyelamatan Malaysia confirm acceptance on KStr Party Wall system to be use as Party Wall in buildings

Your Sustainable Building Solutions Partner

03- 5162 1688/

03- 5162 4286/

maxtham@k-structures.com/

www.k-structures.com/

K-STRUCTURES™

Lot 3801, Batu 6 1/4, Jalan Klinik,
Seksyen 32, Bukit Kemuning,
40460 Shah Alam, Selangor