

ACOTEC®



Wall Panel
IBS Industrial Building System
COMPONENT

Your choice of SMART SOLUTIONS



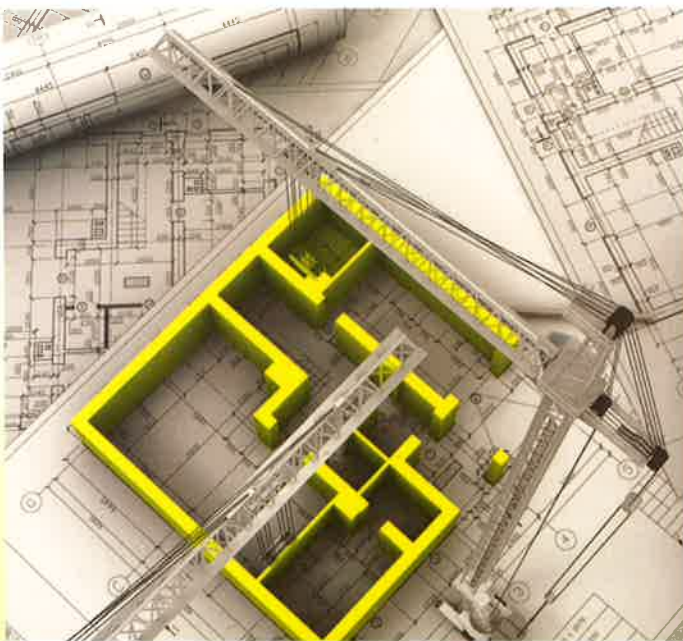
#1 In Malaysia & Singapore

Malaysia Pioneer Manufacturer

Acotec Wall Panel is a construction method of choice for system building all over the world. It has been successfully implemented in numerous projects throughout Singapore and Malaysia; where award-winning factories – located in Perak, Negeri Sembilan and Johor – are well-positioned to serve the markets.



The Core Element of Industrial Building System



Acotec Wall Panel is an idea developed to facilitate a hassle-free building process of Industrial Building System. The system reaches all the way through a building, from the façade right down to the partition walls.

TEST SPECIFICATIONS

ACOTEC PANEL 100mm

Installation speed (m ² /man-day)	16
Weight (kg/m ²)	140
Lintel	Acotec
Fire Rating (Hours)	2
Sound Insulation (dB)	46
Compressive Strength Cube Test (N/mm ²)	25
Compressive Strength Section (N/mm ²)	15
Thermal Resistance (m ² K/W)	0.4
Moisture Absorption (%)	4.9

*Information is correct at time of printing

Made in Malaysia

Panel Dimension 100mm (Thickness)

914 (L) x 600 (W)

2440 (L) x 600 (W)

2740 (L) x 600 (W)

3000 (L) x 600 (W)

3300 (L) x 600 (W)

**ACOTEC®**

Technical Highlights

- One piece of 600mm x 3000mm panel (100mm thickness) is equivalent to 112 pieces of bricks.
- Total wall weight (100mm) is reduced by approximately 46%.
- The panel surface quality is made suitable for skim coat finishing for internal walls.



Acobuilt System

SLAB CASTING



UNLOADING OF ACOTEC PANEL



INSTALLATION USING CRANAGE



COMPLETED UNIT



CASTING THE BEAM



ERECTED ACOTEC PANEL WITH DOOR & WINDOW OPENING



Extended Wall Panels



ADVANTAGES OF ACOTEC[®]

- Level surface for skim coating
- Tailor-made and versatile
- Higher strength - 25N/mm²
- Light weight wall



SAVEPLANET

- Environmentally friendly, safe & recyclable.
- No formwork, cleaner sites, efficient project management.
- Good sound insulation - 46dB.
- Improved thermal insulation.



SAVECOST

- Reduce pilferage. Eliminate unnecessary losses and shortages.
- Speed up project duration that save in construction costs.
- Give maximum savings with skim coating and thin finishing plaster.
- Pre-cut to specific sizes that can fit in all designs and schedules.
- Less wastages.



SAVETIME

- 6 x times faster than conventional brick works.
- Only 2 semi-skilled workers.



ACOTEC Wall Panels are highly versatile and fast to install. Requiring just **2 regular construction workers** to install up to **32m² per day!**



www.acotec.my

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