



UCO

# SolidPanel<sup>®</sup>

The preferred IBS light-weight concrete panel



- ✓ Easy to install
- ✓ Durable
- ✓ Improve site cleanliness





## Introduction

UCO SolidPanel is a precast light-weight sandwich wall panel by using UCO Superflex or UCO Flexabond fibre cement boards as external skin with lightweight concrete infill. The panel gives a solid structure and can achieve straight wall after completion.

UCO SolidPanel is conformed to Uniform Building By Law. It has gone through a stringent test and approved by relevant authorities like SIRIM in Malaysia and TUV PSB in Singapore.

## Technical Data Measurement

Width	600mm
Length	2400mm, 2700mm & 3000mm
Thickness	75mm and 100mm
Density	800 - 900kg/m <sup>3</sup>

Thickness (in mm)	Fire Property	Sound Insulation
-	BS 476 ; Part 22 : 1987	ISO 140-3 : 1995
75	2 hours	-
100	2 hours	Up to STC43

# Advantages

- i . UCO SolidPanel gives high quality wall finishing due to the wall smoothness
- ii . UCO SolidPanel gives a strong and solid panel
- iii . Easy to install and cost saving
- iv . Improved site cleanliness and safety - UCO SolidPanel is precast at the factory and deliver to construction site in pieces.
- v . Involve less workers at site
- vi . Durable

## Technical Advantages



Fire rated - 2 hours fire rating,  
under BS476 : part 22 : 1987



Strong anchorage capacity -  
conform to BS 5234 :  
Part 2 requirements



Fast speed installation -  
three times faster than conventional  
method



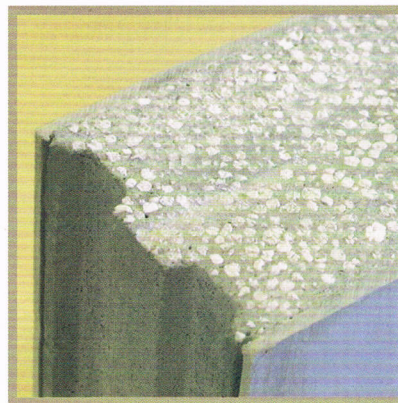
Thermal resistance - air - R value  
= 0.38 m<sup>2</sup>k/w



Sound insulation - up to STC43



Impact resistant



Light weight - Around 5 times  
lighter compared to conventional  
brick wall.



Productivity - It produce  
18 - 23 m<sup>3</sup>/man-day





## Areas of Application

UCO SolidPanel is suitable to use as partitions, internal and external wall.

UCO SolidPanel manufactured in our UAC factory in Malaysia.



You are advised to engage our accredited contractors for any UCO SolidPanel installation. After completion, UAC will issue relevant documents to support the proper work done in accordance to UAC procedure.