

PPWALL

PPWall, a type of precast wall panel, is expertly engineered to function as both a **load-bearing and non-load-bearing wall**, making it an excellent alternative to traditional brick or block walls.



In collaboration with



SPACE FLAIR SDN BHD

SIMPLICITY IN PROGRESSIVE DESIGN

- Up to 4X Faster Installation
- 45% Lighter Than Brick Walls, Reducing Foundation and Structural Costs
- Installation Requires Only 2 Workers per Team
- Save on Labor, Skim Coat, Plaster, and Scaffolding
- Smaller Door and Window Frames
- Lower Cleaning Cost with Less Wet Work
- Customizable to Fit Your Needs
- IBS Score Claimable
- Produced By a CIDB Approved IBS Wall Manufacturer

CAN BE USED AS



Progressive Precast Sdn Bhd
(1361887 X)

✓ Infill wall

✓ Structural wall

✓ Parapet

✓ Party wall

✓ Lintel

✓ Fencing wall



LIGHTWEIGHT

Up to 45% lighter than brick wall



COST EFFECTIVE

Vertical groove design allows for up to 43% less skim coat application

Internal Wall Finishing (Both Sides)

3mm Skim Coat
each side

External Wall Finishing (Interior Face)

3mm Skim Coat

External Wall Finishing (Exterior Face)

20mm Plaster



TIME SAVING

4 times faster than brick works



SOUND INSULATION

Enhanced Acoustic Comfort



FIRE RESISTANT

2-hour fire rating



IBS SCORE CLAIMABLE

CERTIFIED BY



FAST AND SIMPLE INSTALLATION



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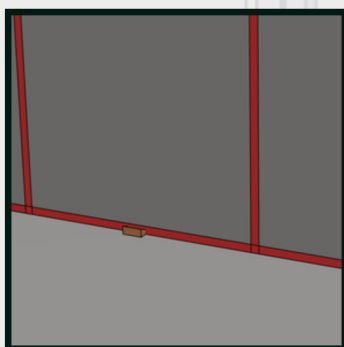
Mark the alignment of the wall



Apply bonding agent to the base alignment and sides of the PPWall, then lift the panel



Align the walls until the joints connect



Use a wooden wedge to lock the wall in place



Fill the gap with bonding agent and remove any excess



Apply skim coat to the exterior as finishing

TECHNICAL SPECIFICATIONS

AVAILABLE SIZES (100MM THK)

3,200mm (L) x 600mm (W)

3,100mm (L) x 600mm (W)

3,000mm (L) x 600mm (W)

2,900mm (L) x 600mm (W)

2,800mm (L) x 600mm (W)

2,700mm (L) x 600mm (W)

2,600mm (L) x 600mm (W)

CUSTOM MADE SIZE FOR LARGE PROJECT

Other Length (L) x 600mm (W) x 100mm (THK)

SPECIFICATION

DETAIL

Weight

140 kg/m²

Compressive Strength

25 N/mm²

Fire Rating

2 hours

Installation Speed

16 m²/man-day

APPLICATIONS

CONDOMINIUM



SINGLE-STOREY



DOUBLE-STOREY



SCHOOL
& UNIVERSITY



HOSPITAL



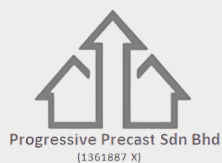
SHOPLOTS



OFFICE



FENCING WALL



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SIMPLICITY IN PROGRESSIVE DESIGN

PROGRESSIVE PRECAST SDN BHD

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