

[← Back to Products](#)

ECO 1

🏠 1 BEDROOM 🚿 1 BATH 📏 160 SQFT ⚖️ 2200lbs

The ECO1 is a compact, eco-friendly modular home that embodies the principles of sustainability and modern design. With both exterior and interior renderings showcasing its aesthetic appeal, this unit is perfect for individuals or couples seeking an affordable, energy-efficient living space. The sleek interior design optimizes space with clever storage solutions and high-quality finishes. ECO1 is available as a stationary model or a mobile version (ECO1 on Wheels), providing flexible living options for various lifestyles.

Photos

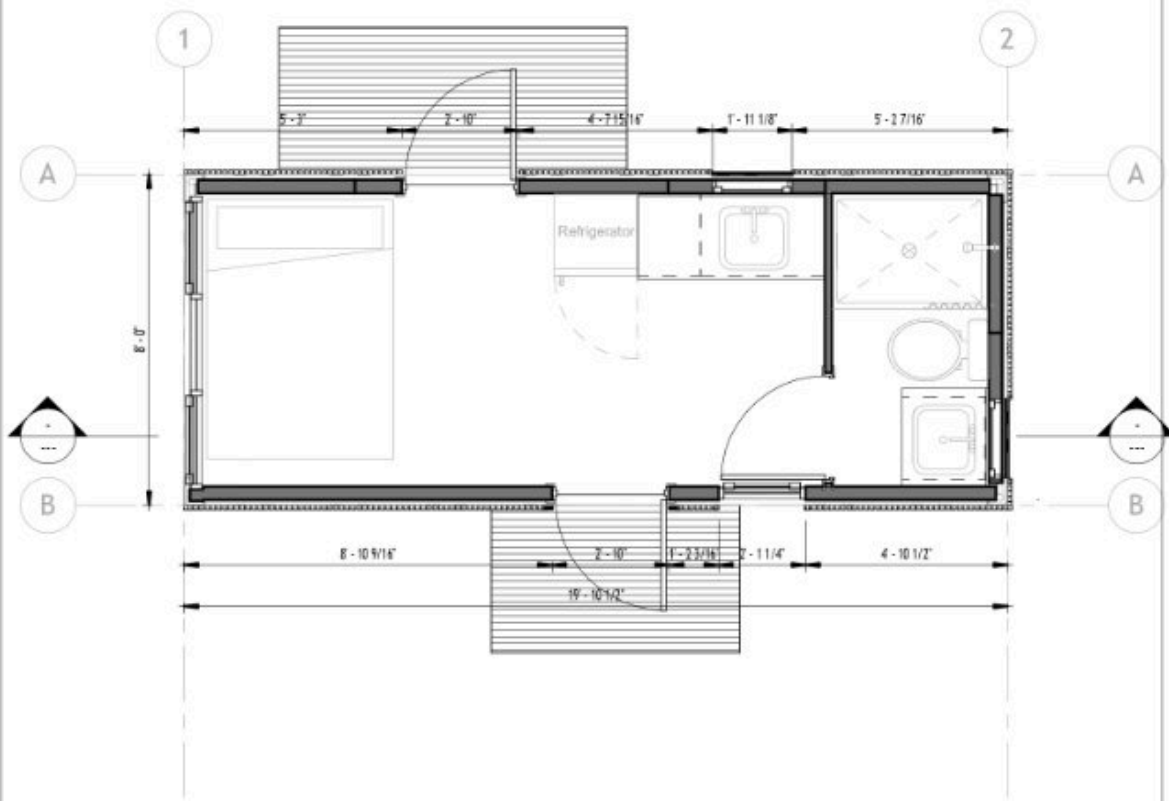








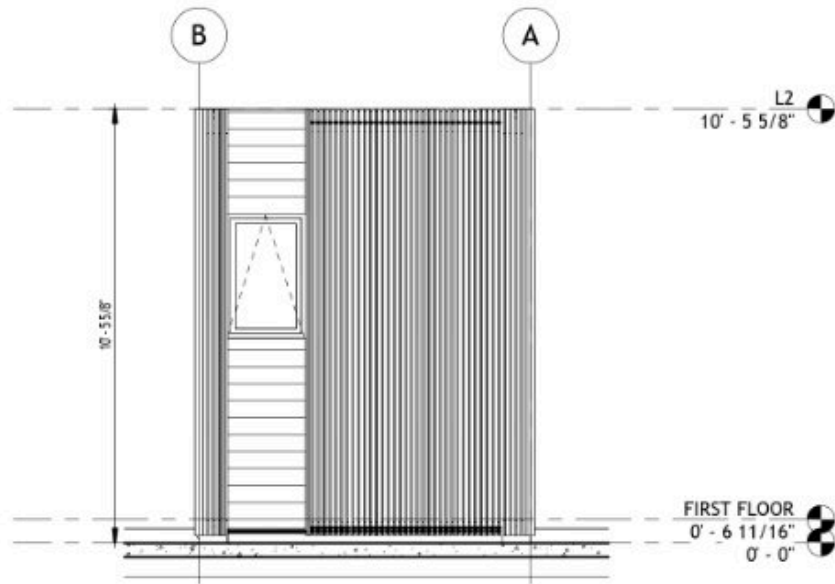
Floor Plans



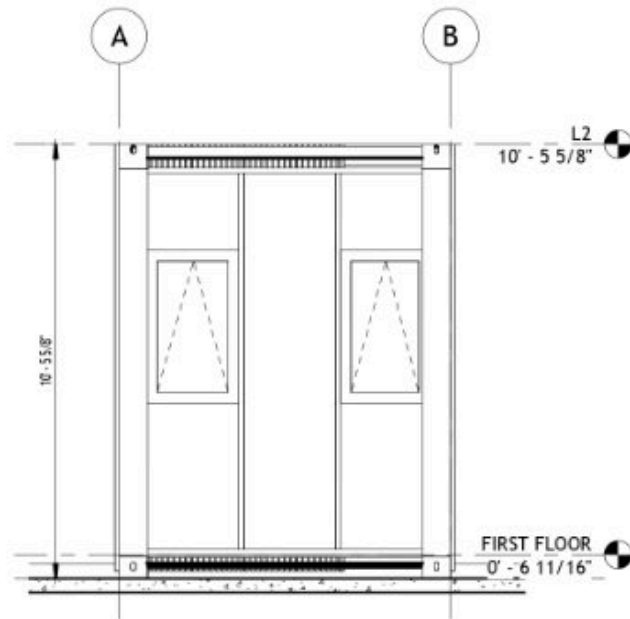
1 FIRST FLOOR
3/8" = 1'-0"

PLAD

Project location:	
Client: PLAD HOMES	Drawing NO: A100
Drawn by: SM	
Checked by: Checker	
Project Number: SINGLE UNIT	FLOOR PLAN
Date: 09/16/24	Scale at ANSI B standard



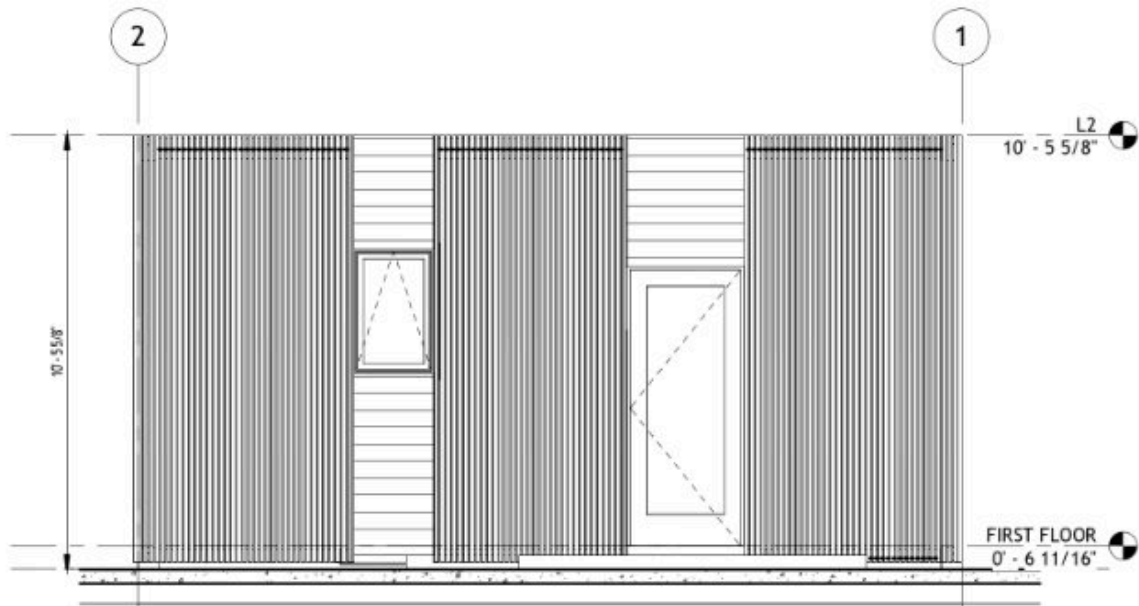
1 EAST ELEVATION
3/8" = 1'-0"



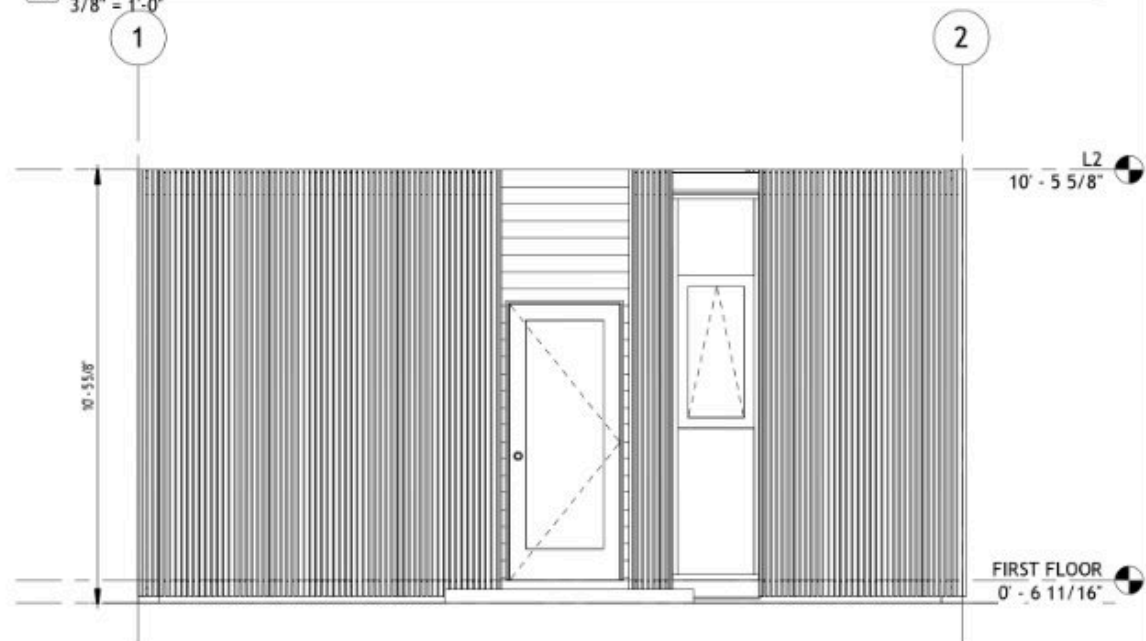
2 WEST ELEVATION
3/8" = 1'-0"

PLAD

Project location:	
Client: PLAD HOMES	Drawing NO: A101
Drawn by: SM	
Checked by: Checker	
Project Number: SINGLE UNIT	ELEVATION
Date: 09/16/24	PLAD Scale at ANSI B standard



1 NORTH ELEVATION
3/8" = 1'-0"



2 South Architectural Building Elevation
3/8" = 1'-0"

PLAD

Project location:

Client: PLAD HOMES

Drawing NO:

Drawn by: SM

Checked by: Checker

Project Number: SINGLE UNIT ELEVATION

Date: 09/16/24

Scale at ANSI B standard

A102



PLAD

Project location:		
Client:	PLAD HOMES	Drawing NO: A103
Drawn by:	SM	
Checked by:	Checker	
Project Number:	SINGLE UNIT PLAD	RENDERS
Date:	09/16/24	Scale at ANSI B standard

Videos



3D Videos

PLAD Homes Aura Series ECO 1 - Stunning 3D Interior F

PLAD Homes

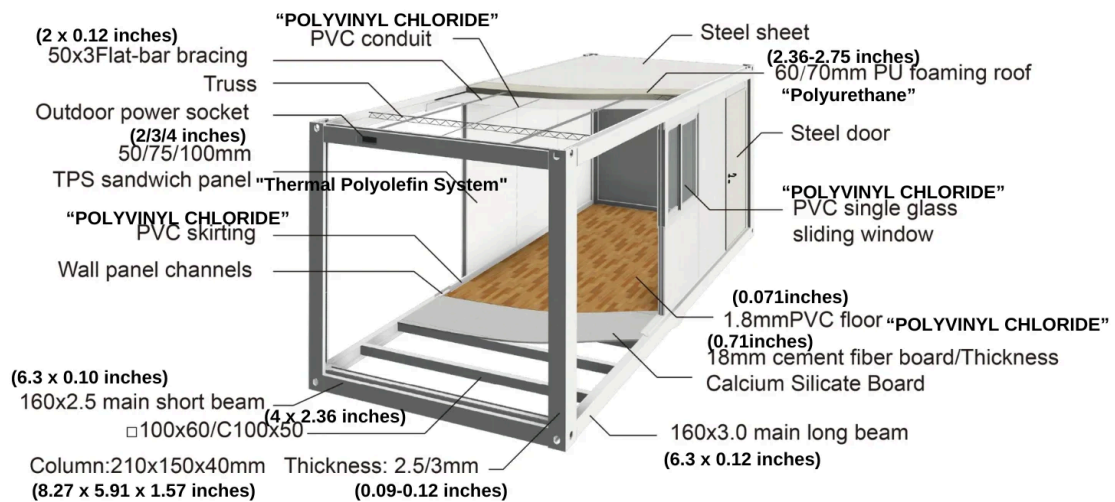


Watch on YouTube

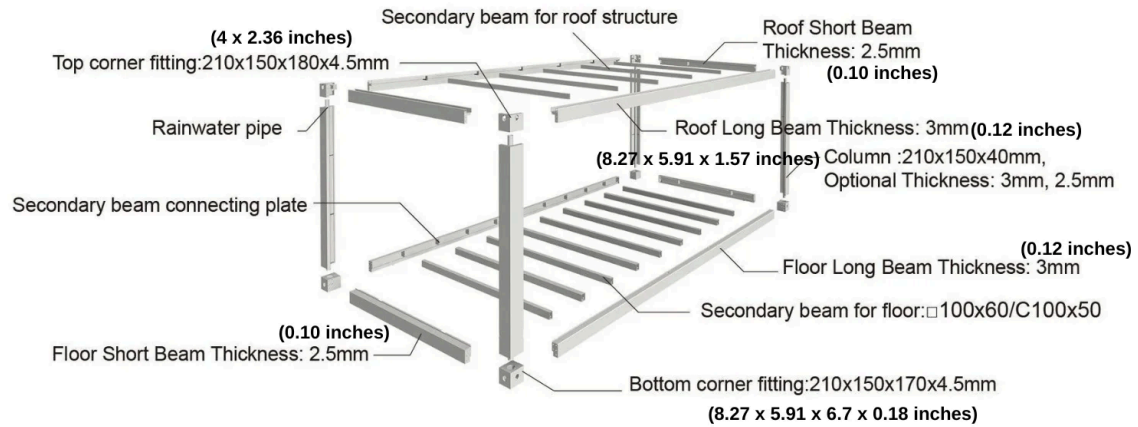
Material

PLAD

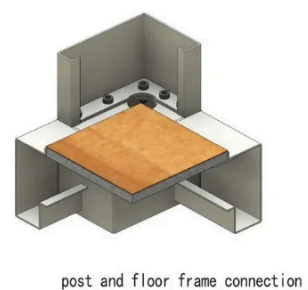
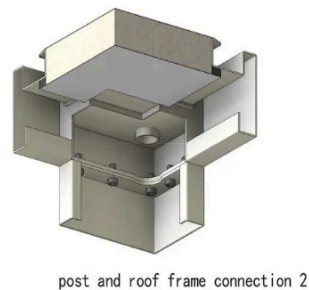
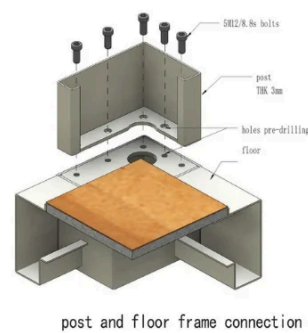
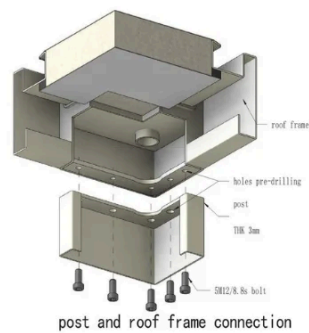
Eco Material Composition



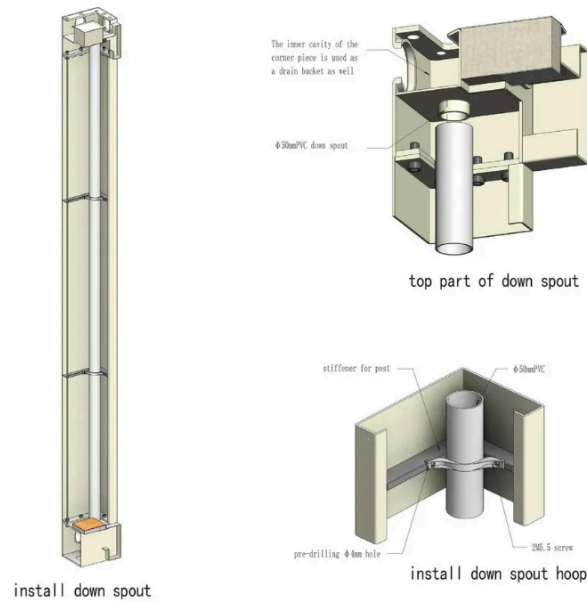
Eco Material Composition



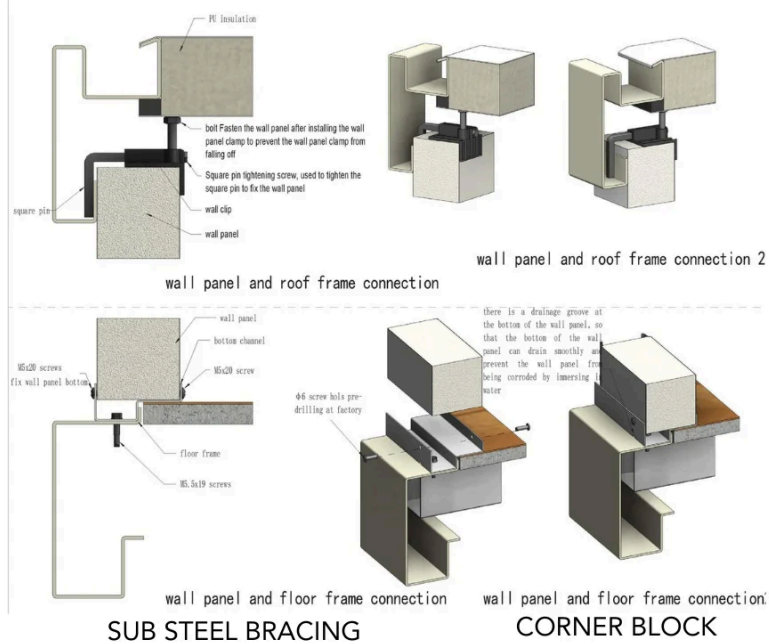
PLAD



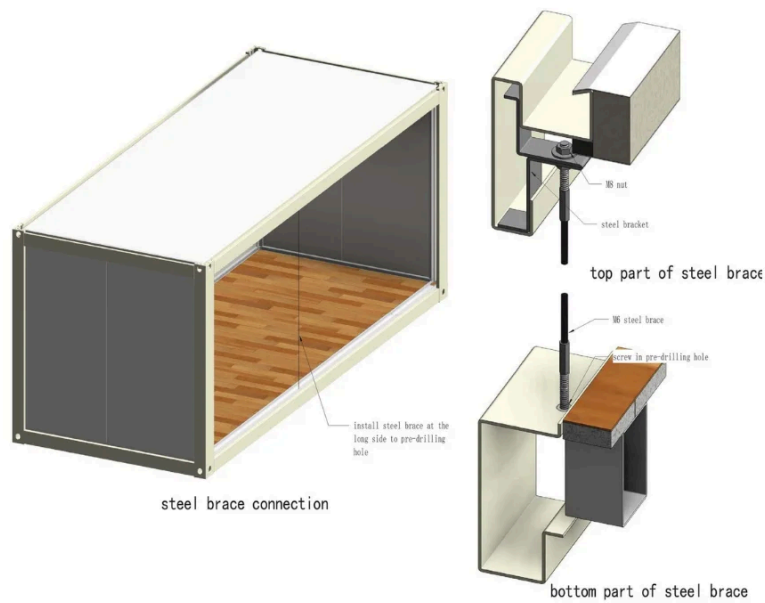
PLAD



PLAD



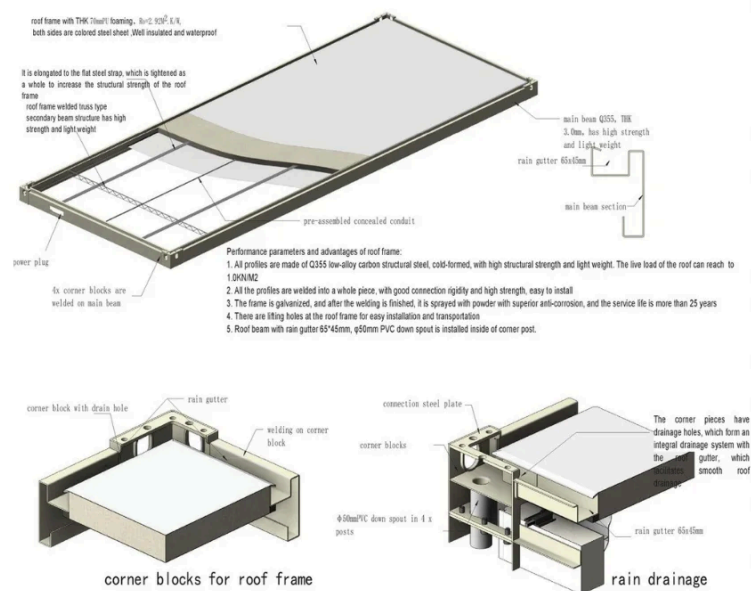
PLAD



SUB STEEL BRACING

CORNER BLOCK

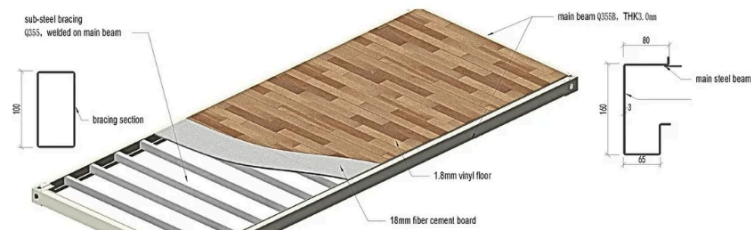
PLAD



SUB STEEL BRACING

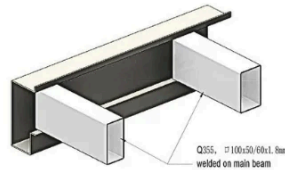
CORNER BLOCK

PLAD

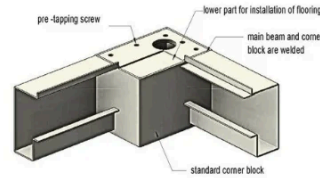


Performance parameters and advantages of floor frame:

1. All profiles are made of Q355 low-alloy carbon structural steel, cold-formed, with high structural strength and light weight. The live load of the floor can reach to 2.5KN/M2.
2. All the profiles are welded into a whole piece, with good connection rigidity and high strength, easy to install.
3. The frame is galvanized, and after the welding is finished, it is sprayed with powder with superior anti-corrosion, and the service life is more than 25 years.
4. There are lifting holes at the bottom for easy installation and transportation.
5. There is a need for heat preservation at the floor, it can be installed with a colored steel sealing bottom plate, filling PU, rock wool, glass wool etc.
6. Forklift holes can be added.



SUB STEEL BRACING

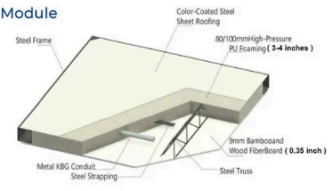


CORNER BLOCK

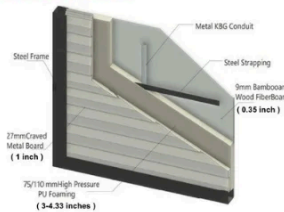
Floor Module



Ceiling Module



Exterior Wallboard Module



Interior Wallboard Module



Specification

MIAMI-DADE CODE STANDARDS & CERTIFICATIONS

Standards and Approvals



Florida Building Code 2023



American Society of Civil Engineers



American Iron and Steel Institute



ASTM International

Certifications and Testings



Mythic Engineering



SGS



Intertek

FEATURES



WELDING, PLUMBING & ELECTRICAL READY



ANTI-CORROSION: 20 YEARS



SOUND PROOFING: >60DB



WIND RESISTANCE: 185 MPH



SNOW LOAD CAPACITY: 21 PSF



SEISMIC RESISTANCE: GRADE 9



SERVICE LIFE: 100 YEARS



FIRE RESISTANCE: GRADE 3 (60 MINUTES)

Certification

PLAD

Welcome Back!

Please Login To View this certificate

Login/Register

PDF Preview

Download a complete brochure for this product.



Download PDF