



EPODS.CO.ZA



# SUPERIOR QUALITY



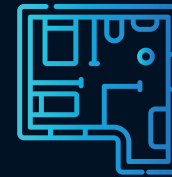
Modern &  
Futuristic



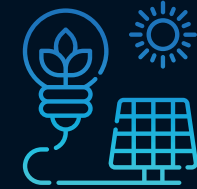
ECO friendly -  
low carbon footprint



Superior insulation -  
15 times better than  
conventional buildings



Design your own



Off-Grid / Solar  
options



Structure stronger  
than conventional  
buildings



Approved according to  
local municipality  
regulations

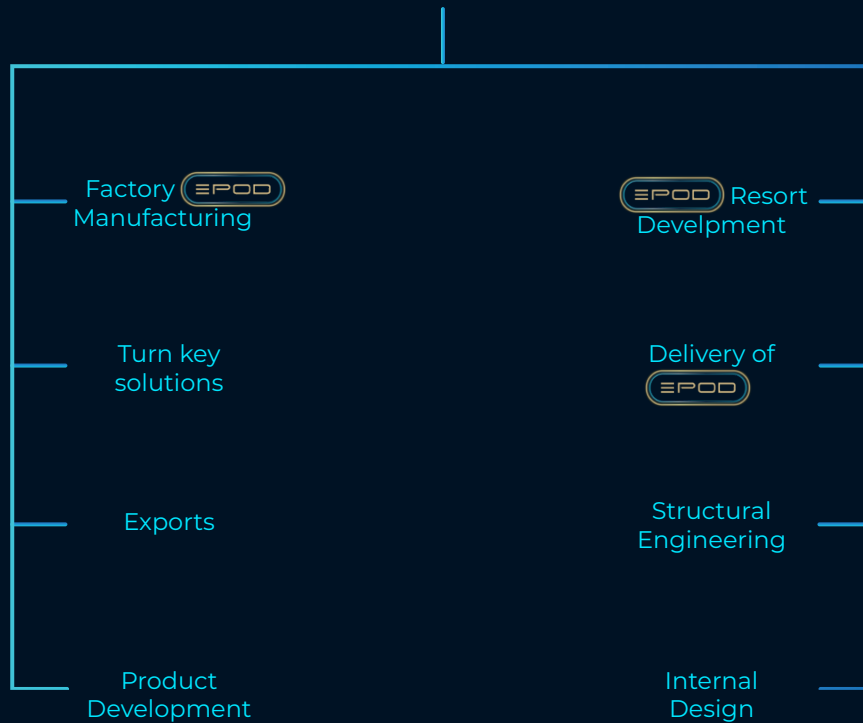


High quality  
products in  
process

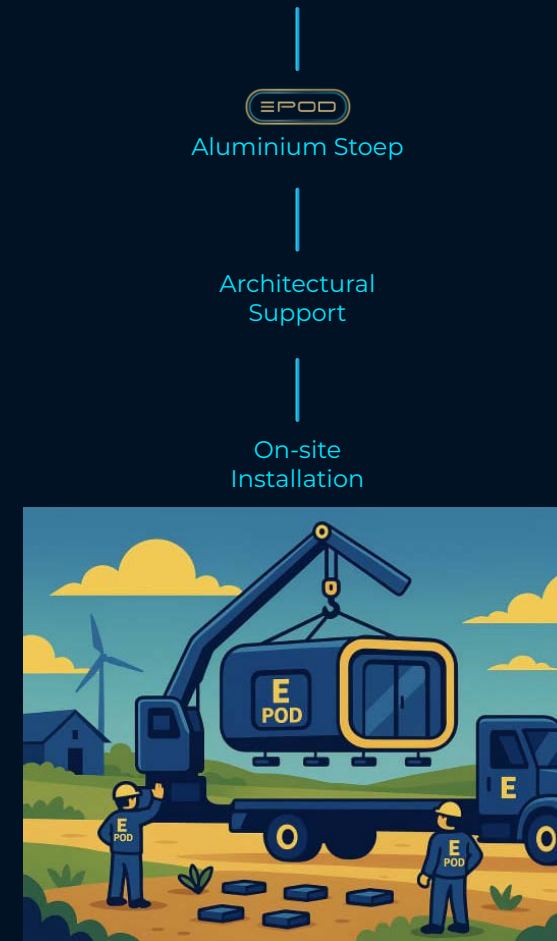
# COMPANY STRUCTURE




## SERVICES



## ASSISTANCE SERVICES

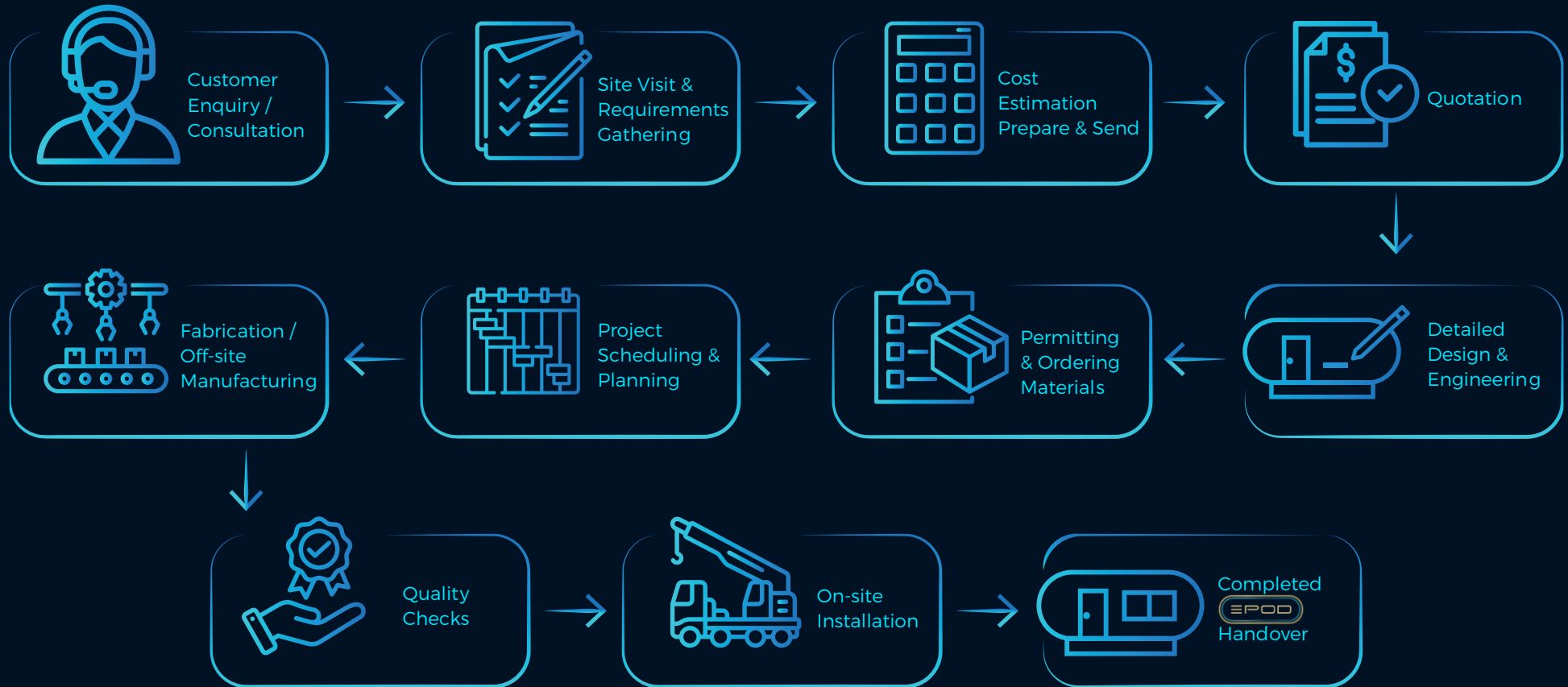


# EXPORTS

We export  globally from Cape Town, South Africa, using flat-rack shipping containers for secure and efficient international delivery.



# PROCESS



# MANUFACTURING PROCESS



ROLL FORMING

STEEL FRAMING


INSTALLATION



# ADVANTAGES OF




## 1. RAPID DEPLOYMENT

Modern  are prefabricated off-site and assembled in days—not months. This drastically cuts down construction time and allows for fast occupancy.




## 4. COST-EFFECTIVE

 reduce expenses through streamlined construction, lower labor costs, and minimal site preparation—without compromising on quality or aesthetics.



## 2. MODULAR & SCALABLE

 can easily be added, removed, or relocated as your needs change. Perfect for phased developments, seasonal housing, or remote projects.




## 5. VERSATILE APPLICATIONS

Use  for:

- Tourism (eco-lodges, glamping)
- Emergency or disaster housing
- Student or worker accommodation
- Remote offices or clinics
- Hospitality




## 3. ECO-FRIENDLY

Built using sustainable materials,  are often equipped with solar power, rainwater harvesting, and greywater recycling — minimizing environmental impact.




## 6. TURNKEY SOLUTIONS

From sourcing land to full interior furnishing,  can be delivered ready-to-use—especially with our Western Cape turnkey service.



## 7. ENERGY-EFFICIENT

Modern insulation, off-grid compatibility, and smart systems make  ideal for remote or energy-conscious living.

# BENEFITS OF STEEL



## QUALITY

- International Product of World Class Standards
- 50 Years Material Warranty
- Factory Precision
- Consistent Material Quality – No Regional Variations
- Produced in Strict Accordance with National Standards
- Straight Walls & Square Corners Guaranteed



## STRENGTH

- Stronger than Bricks & Mortar
- Highest Strength-to-Weight Ratio of any Building Material
- 600 Year Durability
- Dimensionally Stable – Does not Expand / Contract with Moisture Content



## COST-EFFECTIVE

- Cost-Effective
- Material Price Stability – Price Spikes Extremely Rare
- Limited Wastage – Only 2% On-Site Wastage (Conventional Building Methods: 30%)
- Lower Transport Cost



## GREEN

- Environmentally Friendly
- Green Product / Building Methods & Processes
- 100% Recyclable
- Most Recyclable Product on the Planet – 68% Industry Recycling Rate
- 80% Reduced Carbon Footprint



## NON-ORGANIC

- Inorganic – Will Not Rot, Swell, Warp, Split, Crack or Creep
- Invulnerable to Termites, Fungi, Mould and Other Organisms
- Incombustible – Does Not Burn & Does Not Contribute Fuel to Spread Fires
- Free of Resin Adhesives & Other Chemicals
- No Cracks or Structural Failures
- No Rust
- Ventilation on Moisture Rising
- Superior Thermal & Acoustic Insulation – 1 500% Better than Brick
- Construction Material not Affected by Weather Conditions



## ARCHITECTURE

- Flexible Application – Any Shape & Design
- Architecturally Attractive
- Designed to Architect Specifications & Engineering Standards
- Reduced Foundation Footings & Base Plate Sizes
- Reduced Foundation Requirements – 10× Lighter Structure
- Less Probability of Weather / Wind / Earthquake Damage



## CONSTRUCTION

- Superior Building Accuracy
- Quick Assembly – 50% Faster than Brick Building
- Shorter & Predictable Construction Schedules
- Easier Plumbing & Electrical Installation
- Better Utilisation of Sloping Sites
- Less Weight Impact
- Clean, Safe & Tidy Building Site



## CUSTOMER

- Earlier Occupation for Customers – Earning Additional Rental Income & Reduced Interest Period on Bond Accounts
- 4% More Lettable Rental Area – Internal Space Increase
- Up to 40% Saving on Electricity due to Superior Insulation
- Two Hour Fire Walls

# EXTERNAL MATERIALS

## EXTERNAL CLADDING

All of our composite wood products come with 10-, 15- or 25-year guarantees. They are eco-friendly because they have been manufactured using only recycled material. They are made up of 30% bamboo, 30% timber, 30% high-density polyethylene plastic, and 10% bonding agent and UV stabilisers to ensure that your product looks better for much longer.

Bamboo is an ideal strengthening agent added to our composite wood products, because of its natural strength and flexibility.



**Durable**  
(resistant to warping, swelling, fading and cracking).



**Cost effective**  
(in both the short- and long-term).



**Easy to maintain**  
(simply wash with soapy water).



**Eco-friendly**  
(we use a combination of recycled materials, including timber and bamboo).



**Safe**  
(non-slip, no splinters or cracks).



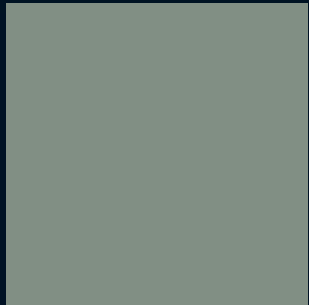
**Maintenance-free**  
(with lengthy guarantees, composite products make sense).



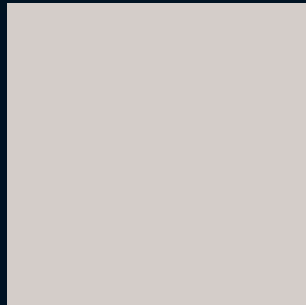
# INTERNAL MATERIALS

## INTERNAL CLADDING AND CEILINGS

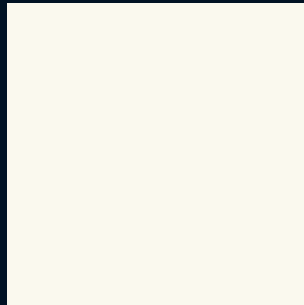
Solid Colours



Rioverde



Bellavista



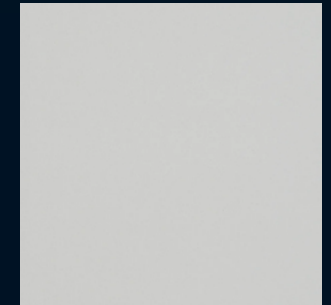
Picco White



Iceberg White



Cappuccino



Folkstone Grey



Congo



Dunblane Grey



Caraz



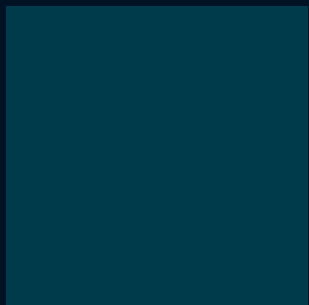
Naran



Muidan



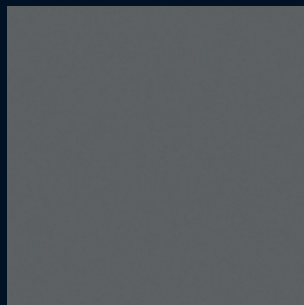
KaraBlu



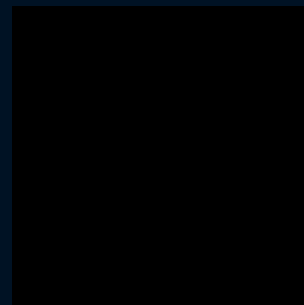
Petrol Blue



Kalapana



Storm Grey



Super Black

# INTERNAL MATERIALS

## INTERNAL CLADDING AND CEILINGS

### Woodgrains



Earlswood



Laredo



Vieste



Calais



Treviso



Banbridge



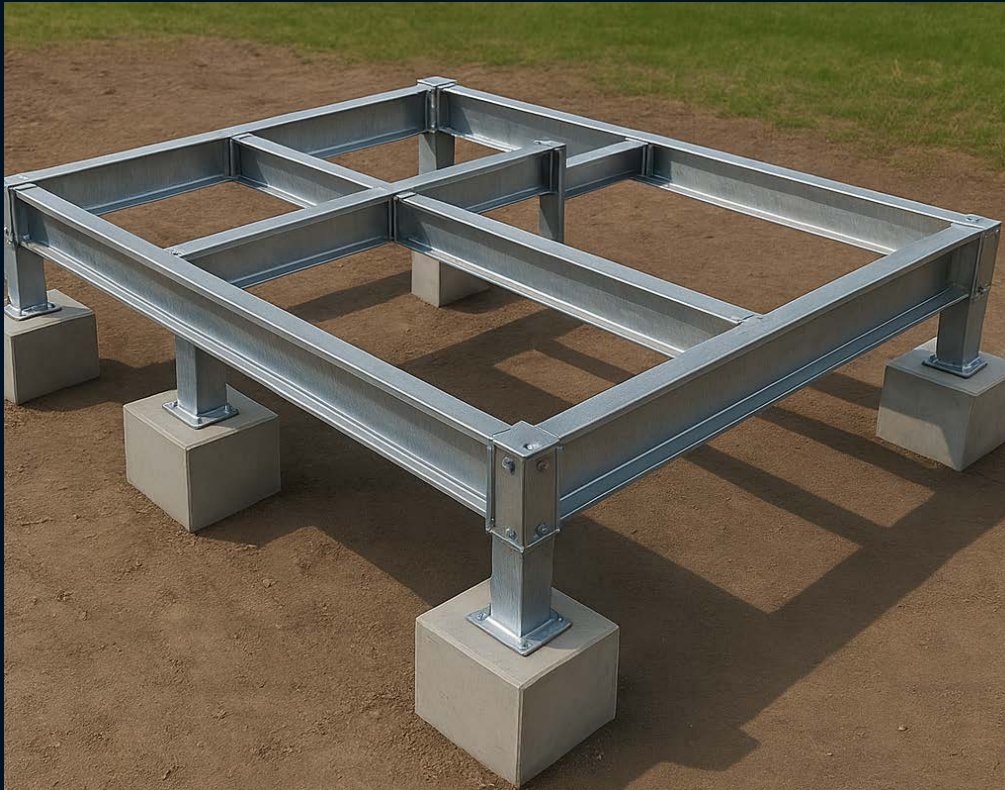
Tunari



Napoca

# SPECIFICATIONS

PLINT



WALL



# SPECIFICATIONS

Stay  
fire-safe  
with



## THERMAL RESISTANCE

The R-value is a measure of a material's thermal resistance, indicating how well it can resist heat flow. In insulation, a higher R-value signifies better insulation effectiveness, meaning it can keep heat from entering or leaving a home more efficiently. The R-value is essential for determining energy efficiency in buildings, as it helps assess the insulation's ability to maintain comfortable indoor temperatures.

## KEY FACTS

- Energy savings
- Exceptional thermal and acoustic properties
- Lightweight and easy to handle
- Maintenance free
- Compression packed – to reduce volume and optimise transport and storage
- High tear strength yet readily cut with a sharp blade.

## WALL AND CEILING INSULATION

R Value 2.68 X 2 = R Value 5.36

15 Times better insulated than brick houses.

Cavitybatt™ insulation recently achieved an A1 fire rating under the updated South African National Standards (SANS) 53501-1 standards.

# EXTRAS & EXPERIENCE

## EXTRAS

Create your perfect look by selecting your own colours and custom finishes.



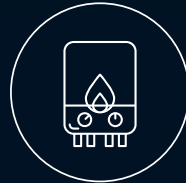
Aluminium Deck



Solar System



Gas Stove



Gas Geyser



Hot Tub



Fire Place



Pizza Oven



Deck Braai



### PAST EXPERIENCE

800+ projects: light steel frame projects including structural engineering, architectural support and project management.

# GALLERY



# GALLERY



# GALLERY



# GALLERY



# GALLERY



# GALLERY



# GALLERY



# GALLERY



# GALLERY



# ACCREDITATIONS

ALL BANKS, GOVERNMENTS AND MUNICIPALITIES



## SUPPLIERS



## APPROVALS



South African Beruau of Standards Approval Code: SANS 517

- SANS 10400T Fire approved Certificate
- SANS10400 XA Energy efficiency act approval
- SACAP Professional architectural drawings
- Structural Engineering certificate
- Plumbing Certificate
- Electrical Certificate

Charl van Zyl  
CEO

✉ [charl@epods.co.za](mailto:charl@epods.co.za)

☎ +27 (0)82 881 6879

📍 Cape Town, South Africa

🌐 [www.epods.co.za](http://www.epods.co.za)

