EPOD

EPODS.CO.ZA

SUPERIOR QUALITY

Modern & Futuristic

ECO friendly – low carbon footprint

Superior insulation - 15 times better than conventional buildings

Design your own EPOD

Off-Grid / Solar options

Structure stronger than conventional buildings

Approved according to local municipality regulations

High quality products in process

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COMPANY STRUCTURE

SERVICES

- Factory EPOD Manufacturing
- Turn key solutions
- Exports
- Product Development
- EPOD Resort Develpment
- Delivery of EPOD
- Structural Engineering
- Internal Design

ASSISTANCE SERVICES

- EPOD Aluminium Stoep
- Architectural Support
- On-site Installation

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EXPORTS

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

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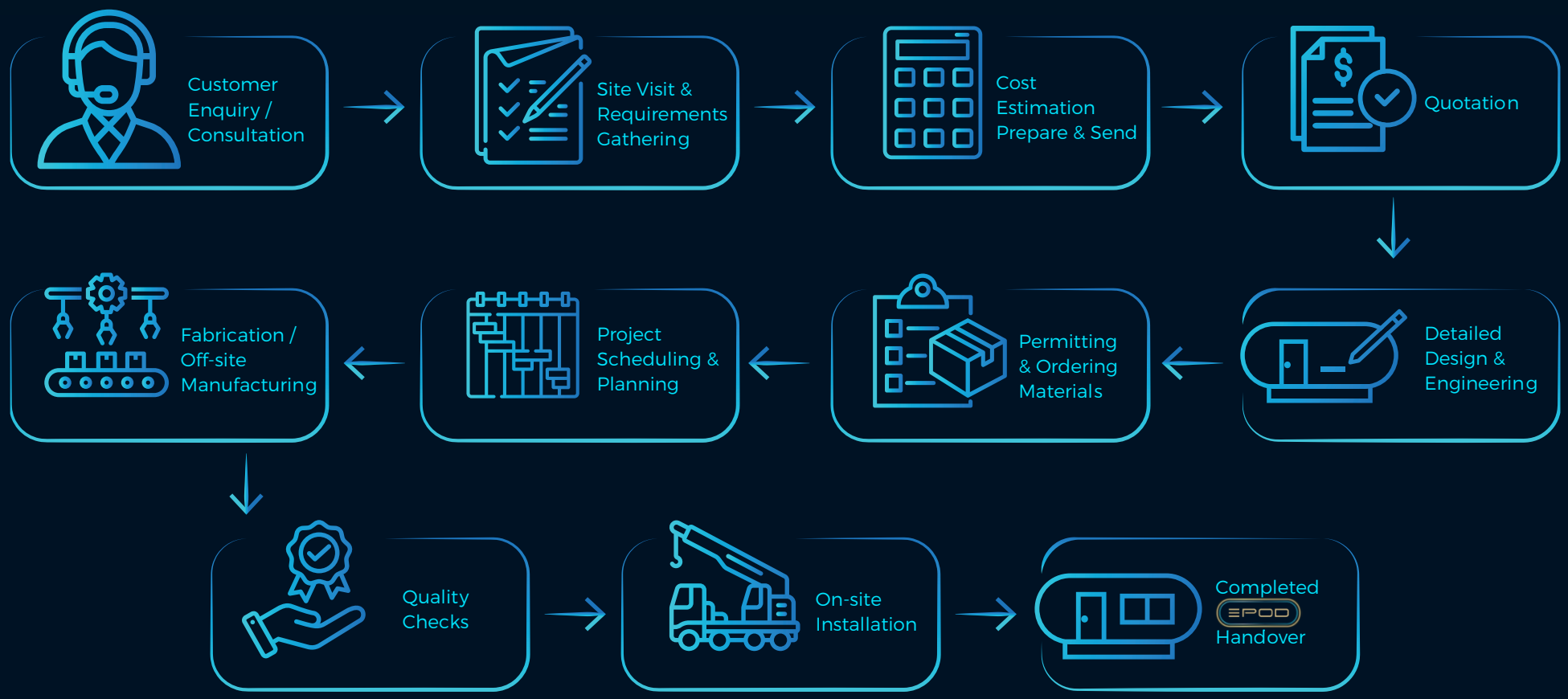
PROCESS



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MANUFACTURING PROCESS

ROLL FORMING STEEL FRAMING INSTALLATION

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ADVANTAGES OF EPOD

1. RAPID DEPLOYMENT

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

2. MODULAR & SCALABLE

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

3. ECO-FRIENDLY

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

4. COST-EFFECTIVE

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

5. VERSATILE APPLICATIONS

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

6. TURNKEY SOLUTIONS

From sourcing land to full interior furnishing, EPOD 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 EPOD ideal for remote or energy-conscious living.

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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

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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 it's natural strength and flexibility.

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

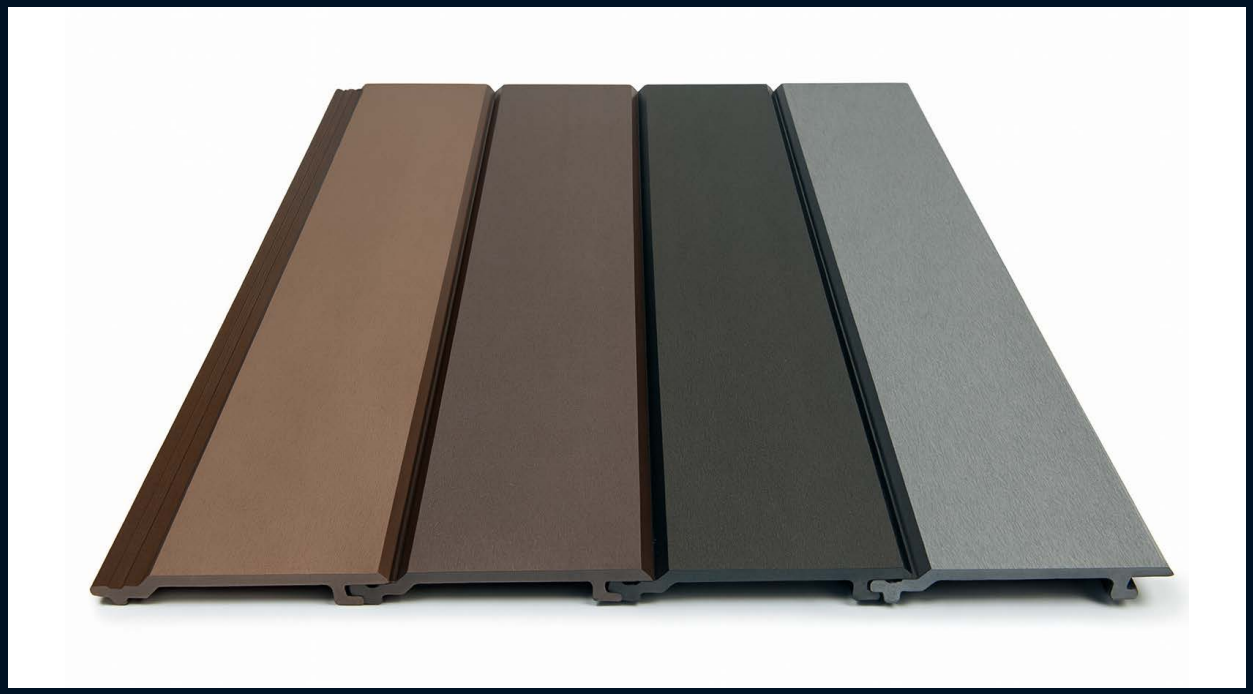
Cost effective
(in both the short- and long-term).

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).



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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		

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INTERNAL MATERIALS

INTERNAL CLADDING AND CEILINGS

Woodgrains

Earlswood

Laredo

Vieste

Calais

Treviso

Banbridge

Tunari

Napoca

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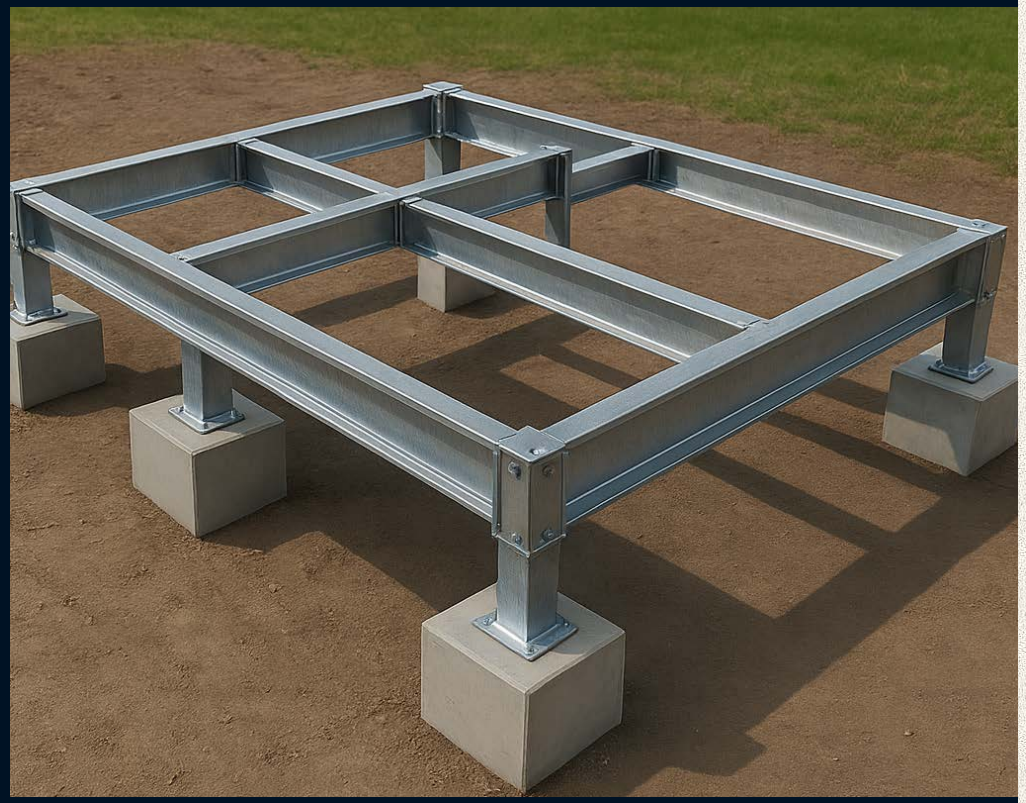
SPECIFICATIONS

PLINT



WALL

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

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.

EPOD WALL AND CEILING INSULATION

R Value 2.68 X 2 = R Value 5.36
15 Times better insulated than brick houses.

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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.

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GALLERY

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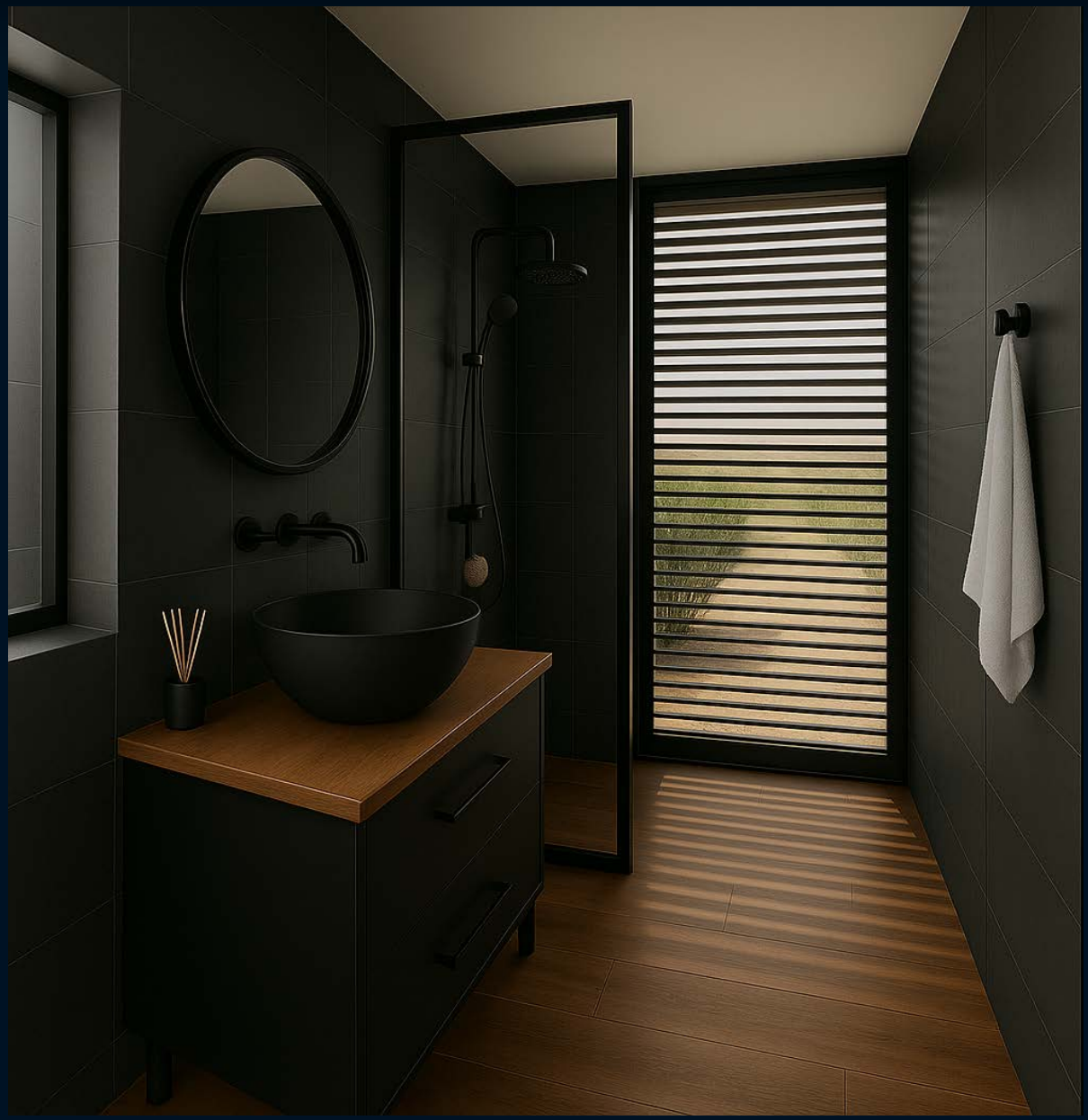

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GALLERY

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ACCREDITATIONS

ALL BANKS, GOVERNMENTS AND MUNICIPALITIES

absa
FNB
NEDBANK
Standard Bank

SUPPLIERS

abe SAINT-GOBAIN
BESTDECK COMPOSITE WOOD
eurolux Lighting your way
FRAMECAD
MARLEY Building Systems
PG BISON
Speedfit
SAINT-GOBAIN

APPROVALS

SABS

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

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