





Eco Mobile Homes Ltd

Welcome to Eco Mobile Homes Ltd, leading manufacturers of luxury mobile homes and static caravans. Based in the UK, we're among the highest specification manufacturers in the industry, with the quality of each build surpassing building regulations for conventional housing. We're specialists in assembling large mobile homes on-site, where access is restricted.

We predominantly make the larger type of twin-unit mobile homes and residential static caravans. The majority of our builds are maximum dimension, 3-4 bedroom, 65×22 ft units that are designed for modern residential standards and hard to access sites.

Our service is focused on building bespoke lodges for the general public. Each home is different and designed to the owner's unique requirements and budget. We rarely produce the kind of caravan seen on holiday parks that can be designed for a shorter life span. Our clients are mostly private homeowners who require a residential quality mobile home to site in a garden for a relative to use on a permanent basis, an instance that will often not require planning permission.

Key Points

- Our standard specification offers the same wall thickness and insulation values as a conventional new build house. Suitable for year round occupation. 200 mm insulated walls, roof and floor.
- Built to conform to both the Caravans Act and Building Regulation Standards for conventional homes.
- Bespoke design with unique floor plan, exterior and interior styling. Massive selection of finishes, kitchens and bathrooms - whatever the client wants.
- Low-profile timber chassis with countersunk wheels for a better appearance. Substantial 220 mm floor timbers give superior rigidity underfoot. Ply Floor boarding.
- Proper 12 mm internal plasterboard wall finish, painted. Real wood flooring, 100% wool carpets and real marble tiles, all as standard. Solid, clean, modern interiors just like a normal house.
- Specialists in on-site assembly, for hard to access sites or delivered fully finished.
- These twin size mobile homes look and feel just like normal new build homes both inside and out.



What Next - Pre-Planning

We encourage your endeavor to site a mobile home in your garden or on farmland. We offer a professional consultation service for new inquiries at a flat rate of £750 Inc. VAT.

Basic Service:

Site visit:

The process starts with a site visit to your property to discuss your situation and options. We assess your access, site location, services, planning options, budgets and the style and layout of your preferred home.

Design:

We provide a bespoke floor plan and elevation drawing. Working with our architects you can make as many alterations to the design as needed. This drawing is suitable for planning and LDC applications. You own this design and can use it to obtain other quotations. You'll find our pricing policy is the best value for money in the industry.

Viewings:

We arrange a viewing of at least one, preferably two, finished mobile homes that are local to you and are similar in specification. We find these viewings always ignite your imagination and provide ideas you may not have thought possible.

Quotation:

With your floor plan designed we provide a detailed price and specification for your project.

What Next - Post-Planning

If you already have Planning Permission or a Lawful Development Certificate, we thank you for considering Eco Mobile Homes Ltd as the manufacturer of your luxury residential lodge. The next stages are:

Quotation:

Please email your postal address to receive our quotation questionnaire. Also begin to consider your floor plan.

Viewings:

After receiving an estimated price and planning appraisal we encourage viewing at least one finished home in your local area.

Site Visit:

If you're suitably impressed with the quality and service we offer and the quotation is within your budget, we'll be most happy to visit your site and discuss the project and procedures in greater detail.



2014 Prices

- We're specialist manufacturers of the larger twin-unit mobile homes and subsequently our minimum order requirement is £90,000. This represents a 40 x 22 ft 2-3 bedroom lodge, fully finished to a basic specification.
- All the prices quoted include full delivery and construction of the home, fitted kitchens and bathrooms, but do not include furniture or groundwork.
- Each home is individually designed from a wide selection of finishes and therefor uniquely priced.
- Our average price range is between £110,000 £160,000.
- Full size 65 x 22 ft (20 x 6.8 m) mobiles homes start from £120,000 fully finished and delivered. A luxury specification model will average £150-160,000 finished to the highest standard in the industry.
- Single unit static caravans can be 14 ft wide and 65 ft long. Our bespoke service doesn't make us price competitive for smaller static caravans. However, if your requirement is for a larger home we'd be happy to receive your enquiry.
- Prices exclude ground works and services but include all other costs, delivery etc.
- Prices are zero VAT rated (no VAT to pay).



Nationwide Delivery

For factory finished mobile homes or units assembled on-site, we deliver nationwide but do not ship internationally.

Bespoke Design

Each mobile home is designed uniquely to the client's requirements and budget. Most designs are an alteration or combination of floorplans from our existing range and finished from a choice of materials and options from our standard specification catalogue. However, we are not limited to this, practically any design and finish is possible.

Pre-Assembled or Assembled On-site?

We can build each mobile home in our factory and deliver it in sections. This will require access for a HGV trailer and a large crane. For hard-to-access sites we can assemble the mobile home on-site from smaller pre-fabricated panels.

Construction Time

For both factory and on-site builds the construction period is usually 8-14 weeks.

Price

We can specify a finish to suit your budget. Because each unit is different it is hard to give general costs based on size. A 40×20 ft lodge may cost the same as a 60×20 ft because it has expensive windows and roof tiles. Normally a 2-3 bedroom lodge can be fully constructed and finished from £100,000. Full size 65×22 ft mobile homes start from £130,000 with a high specification model averaging £150,000. No other costs except groundworks and services.

100 year+ Lifespan

Unlike commercial mobile homes, which can be designed for a shorter lifespan, our residential homes, that are built to conform to Building Regulations, will last a lifetime. After many years it's possible to replace or renew the cladding and windows, kitchen etc. The integrity of the overall structure will not deteriorate like some commercial units. Internally walls can be re-painted, just like a normal house.



Planning Service

We offer a complete start to finish planning service. From Lawful Development Certificate applications for mobile homes in gardens, planning applications for mobiles on green field sites and also PPS7 applications for agricultural workers' dwellings, equestrian units and smallholdings.

Self-Builds

We do offer a service that allows the self-builder to finish the internal fitting of the build. We always deliver and erect the frame, cladding, windows and roof. The floor is pre-insulated and ready to take carpet. The structure is wind and water tight and externally finished. All the internal walls are fitted but 'open-panel'. The self-builder completes all 1st and 2nd fix plumbing and electrics, insulation and wall finish, internal carpentry.

Legal Report

Each mobile home comes with a full 80+ page engineering report with individual calculations; explaining how and why the mobile home conforms to the definition of a 'caravan'. We will often submit this to the Planning Authorities with the planning application pack prior to delivery.

Payments

Payments are usually made in 5-10 part payments during the progression of the build. We have a pay-as-you-go policy. Unfortunately we cannot offer finance at this time.

Groundworks

We can complete the entire groundwork and service connection operation if requested. Otherwise clients are provided with a groundwork setting out diagram for your local firm to complete.

Viewings

Viewing a finished home is part of our consultation service. We encourage all serious customers to view at least one of our finished lodges. We rely on the kind hospitality of previous clients allowing viewings around their homes. This allows us to offer a larger range of homes to view but unfortunately means we have to limit viewings. If you are in the early stages of investigation then we recommend you proceed with our professional consultation service, where you will receive a bespoke floor plan, price, viewing and site visit.



Specification



Eco Mobile Homes Ltd Twin-Unit Mobile Home Specification

General Scope of Works – Standard Service

Scope of Works – Design and Engineering	
Design and Engineering - Floor plan and sectional drawing	STANDARD
Ground-works - Setting-out Diagram	STANDARD
Caravan Report and Engineering – 60 page document will full methodologies	STANDARD
SAP Calculations	OPTION
Full Building Regulation Details	OPTION
Building Regulation Management – if required	OPTION
Scope of Works - External Works	
Site Clearance	OPTION
Foundations	OPTION
Perimeter breeze-block wall 2-course (for mobile homes)	OPTION
Service Trenches	OPTION
Soak-away and Drainage	OPTION
Decking / Paving	OPTION
Scope of Works – Service Connections	
Water, Electric, Gas, Waste – Local service connection only	STANDARD
Scope of Works - Structural	
Timber Frame Building Manufacture	STANDARD
Trucking	STANDARD
Construction	STANDARD
Supply and Fit External Windows and Doors	STANDARD
External Wall Finish	STANDARD
Roof Finish + Rainwater goods	STANDARD
Supply and Fit External Soffit and Fascia	STANDARD
Scope of Works - Internal	
1 st Fix Plumbing	STANDARD
2 nd Fix Plumbing	STANDARD
1 st Fix Electrics	STANDARD
2 nd Fix Electrics	STANDARD
Supply and Fit Insulation	STANDARD
Supply and Fit Internal Lining	STANDARD
Decorating	STANDARD
Supply and Fit Internal Carpentry + Kitchen	STANDARD
Supply and Fit Floor Finish	STANDARD



Design and Engineering

Design Consultation. Creation of Unique Floor plan and Elevation Drawings.	STANDARD
Setting out plan, Section and Elevations Setting out plan, Section and Elevations	Bespoke design, individual floor plan, window layout, balconies, entrance features, roof details, all specifically designe to your requirements
Groundwork setting out diagram. Indicating service and drain locations.	STANDARD
Site Location Map	OPTION

Caravan Report and Engineering – 60 page document will full methodologies STANDARD Full engineering report with our building and construction methodology and three sets of individual engineering calculations explaining how and why each mobile home conforms to the 'Caravans Act'. This can be given to the Planning Authorities as evidence of how the structure is legal.

Building Regulation Management (if required)	OPTION
Building regulations are not required for mobile homes and caravans but in some situations, especially agricultural workers dwellings, they will be required if the mobile homes is later to be classed as a standard residential dwelling and subsequently can be mortgaged.	
SAP Calculations and Air Pressure Test	OPTION
Full Building Regulation Documentation	OPTION
Building Regulation Management – if required	OPTION



Frame Materials

Frame Materials **STANDARD** Structures are timberframe-buildings made in our U.K factory to Building Regulations. We use the same materials, wall thickness and construction methods used to build normal residential houses that conform to Building Regulations. 9mm OSB (orientated strand board) external sheathing **STANDARD** Structural timber to be Scandinavian softwood from sustainable sources **STANDARD** Timber treated with preservative in accordance with BS 5268 **STANDARD** All Structural timber and wood based products will be FSC/PEFC certified **STANDARD External Wall Panels** 538 x 140mm Timber Studs and 600mm max centres (200mm when finished) **STANDARD** 9mm OSB (orientated strand board) external sheathing **STANDARD** External Breather membrane to BS4016 1966 **STANDARD Internal Wall Panels** 38 x 89mm Timber Studs and 600mm max centres **STANDARD** Plasterboard and Service Noggins STANDARD Mobile Home Central Dividing Walls No. 2 x 38x50mm studs **STANDARD Chassis and Floor** NORMAL DOMESTIC LOADING **STANDARD** Timber Lifting Chassis Ring Beam to each half of the structure: **STANDARD** 45 x 195mm Floor Joists at 600mm centres **STANDARD** 9mm Chipboard (OSB) Boarding to underside of flooring cassettes **STANDARD** 22mm Chipboard (OSB) Topside Floor boarding STANDARD 22mm Ply (WBP) Topside Floor boarding **UPGRADE** Steel Chassis, Wheels, Trailer Coupling OPTIONAL **Structural Roof Components** Glulam Timber Ridge Beam (exposed) in 2x Halves bolted to allow separation. **STANDARD** Size determined by engineer. 11mm OSB Roof Deck – Sarking Board **STANDARD** Breather Roofing Felt to topside **STANDARD**



Roof Types

Structural Roof Construction Gable Pitched Roof STANDARD Classic Gable Pitch Roof is standard for the majority of our builds. Mono-Pitch Roof OPTION The mono-pitch roof has a single angled slope from front to back. A consideration for modern or studio designs. Flat Roof OPTION Flat-roof designs give a contemporary style and can incorporate a number of features, including roof terraces and pods.



External Structural Features

External Structural Features Entrance Roof Gable STANDARD These attractive design features are often fitted above entrances. Recessed Entrances OPTION Recessing a door or entrance backwards into the building is a great way of creating a design feature and practical method of integrating decking and shelter above an entrance. Internally that adds character to a room or can be used to create boxed storage space to either side of the recess. Integrated Verandas OPTION Integrated Verandas offer a superb feature to any design. Available as full width at the end of a build, or integrated along the sides of the build in half width. Corner verandas can often make a useful entrance feature for busy households.



Ceilings

Internal Ceiling

Vaulted



STANDARD

Vaulted ceilings are our standard and recommended construction. With a vaulted roof the ceiling is angled like a triangle following the roofline. This gives a spacious feel and also enables the use of skylights.

Flat Ceilings



OPTION

Flat ceilings are more traditional. This can create a loft area for storage but not sizeable for accommodation. Individual rooms can have flat ceilings whist maintaining the vault design in other areas.

Flat Ceilings in Bedrooms, Vaulted in Living Area

OPTION



Roof Finishes

Roof Finish	
Metrotile Stone Coated Lightweight Steel Tiles – Selection of colors	STANDARD
	Metrotile is a thin rolled steel sheet with shingle style coating. It's an excellent hardwearing product, practical, economical and sustainable. Metrotile is virtually indistinguishable from traditional roofing materials.
Cambrian Welsh Slate – Black	OPTIONAL
COM Single	Cambrian Slates is an interlocking tile that embodies the beauty and character of natural slate. Made in Wales from over 60% recycled Welsh slate.
Clay Tiles – Terracotta	OPTIONAL
way 2 com	Manufactured from natural alluvial clay, using the latest ceramic technology, the 20/20 is a high performance interlocking clay tile available in a choice of colours.
Cedar Timber Shingle Tiles	OPTIONAL
Rubber Roof	OPTIONAL



External Finish - Timber Cladding

External Cladding Timber – Cedar (unfinished) T&G 125x19mm STANDARD Western red cedar cladding is the most popular choice for untreated cladding because of its excellent durability, stability and appearance. Timber – Horizontal Shiplap Softwood (stained) with feature Oak OPTION Top quality Scandinavian Timber for a rustic appearance. Timber – Thermo-Wood treated softwood T&G 125x22mm OPTION ThermoWood is



ThermoWood is thermally modified wood using steam and heat. This process has a permanent effect on the wood's properties providing excellent durability, dimensional stability and ensures that the product keeps its appearance for a long time.



External Finish - Render and Renderboard

External Cladding

Cement Fibre Weatherboard (wood effect) in choice of colours



STANDARD

Fibre cement
cladding requires very
little maintenance and
can be easily repainted.
Available in a selection
of colours. In
appearance it consists
of overlapping
horizontal boards,
imitating wooden
cladding.

Renderboard with render skim in choice of textures and colour



OPTION

Renderboard with an additional hand applied render skim gives a clean crisp exterior and can be painted in a number of colours. This is NOT the stippled render type paint that is applied to cheaper commercial home homes. Renderboard is significantly longer lasting and more durable.

Mix of Weatherboard and Render-board



OPTION

Why just choose one external finish when a section can be used to different effect? Often using a different external finish can add feature to an entrance or sundeck.



Soffit and Fascia

Soffit and Fascia -This is the finished surface below the roof and end of rafters (behind gutter) Ply Soffit and fascia, painted or stained OPTION We can fit the soffit and fascia in Ply board timber and paint any colour. This is sometimes preferred if you want the colour to exactly match the wooden windows. Timber Clad to match external cladding OPTION If the finish to exterior walls is timber cladding then it's preferable to finish the soffit and fascia in the same material. UPVC Plastic in White, Grey or choice of 6 colours **OPTION** UPVC is durable, low maintenance and available in white, black, wood effect, brown, cream and grey. Powder-coated Aluminum in choice of colours OPTION



Rainwater Goods

Rainwater goods	
Galvanized Steel	OPTION
www.ecomobileno	Galvanized steel gutters work well with timber and cedar cladding. A mid range option.
UPVC Plastic in White or Black	STANDARD
obile homes.	UPVC gutter in black o white is our standard selection.
Powder-coated Aluminum in choice of colour and profile	OPTION
de la	Aluminum soffit and fascia can be custom made in a variety of profiles and powder coated in any colour. A high specification designer option.
Hidden Guttering	OPTION



Windows – UPVC

External Windows and Doors (Double-Glazed)	
UPVC in White	OPTION
es.com and and and and and and and an	Our standard window.
UPVC in Wood-grain Effect	OPTION
	Works well with timber cladding without having to pay the price of timber windows.
UPVC in Grey (or black) External with White Internal	OPTION
	These windows are grey on the outside, which work well with timber cladding, and white on the inside.



Windows

External Windows and Doors (Double Clared)	1
External Windows and Doors (Double-Glazed)	
Timber – Painted in any Colour	OPTION
in ecomobile to the second sec	Timber windows are factory painted in any colour.
Aluminium Clad External Finish, Softwood frame and internal finish	OPTION
	These are our top specification window and door. They are timber window frames externally clad with a powder coated aluminium fascia. A quality choice.
Oak Frame	OPTION
Redwood Frame	OPTION



Window Styles

Window Styles	
Casement Windows Side Hung	OPTION These are the classic style of window, hinged on the side. Opening
	inside or out. Any size or shape.
Bar Windows. Georgian Bar, Cottage Bar, Half Bar.	Georgian bar
	Available in UPVC or Timber these are bars that divide the window into sections.
Sash Windows	OPTION
ecomo dienomes.	Sash windows slide vertically.



Entrance Doors

Entrance Doors French Doors OPTION French doors are fully glazed from top to bottom. Both doors open fully offering a large opening. Sliding Doors OPTION Rather than turning on hinges, one door slides across the other. Choice for larger openings. **Folding Doors** OPTION A door with hinged or pleated sections that fold together when the door is opened. An expensive but attractive option.



Roof Lights





Insulation

Insulation	
Roof – 150mm	STANDARD
Floor – 200mm	STANDARD
External Walls – 150mm	STANDARD
Internal Walls – 100mm	STANDARD
Secondary 'Warm-Roof' 100mm rigid phenolic Insulation below roof tiles	OPTION
Glass-wool Insulation (batts)	STANDARD
	Glass-wool fibreglass insulation is our standard insulation and entirely suitable for year round occupation Unlike the rolls of insulation that you man have seen, we use insulation 'batts' that are a better quality.
Kingspan / Celotex (or similar) rigid phenolic Insulation	OPTION This is a foamboard
	insulation that gives better insulation quality that glasswool. We often use a mixture of foam board for external walls and glasswool for internal walls.
Solid Foam Back Insulation Plasterboard - 45mm insulated board	OPTION
bilehomes.com	This is plasterboard bonded to a foam insulation to increase the buildings U-Value. This has the added benefits of sound proofing and is sometimes also fitted to bedroom partition walls for better acoustics.



Central Heating System – Electric

Central Heating - Electric Electric Immersion System with tank OPTION We can supply fully electrical heating systems. Water is heated and stored in a Immersion cylinder. OPTION Electric Radiators with individual thermostats - white Electric radiators are surprisingly efficient with individual thermostats and timer controls. Available in traditional or contemporary styles. OPTION Electric Under floor Heating mats to designated zones. Electric underfloor heating mats are often used under tiled floors but not recommended for an entire build.



Central Heating System – Combination Boiler for Oil or Gas

Combination Boiler (top brand name)	OPTION
M. ecomosile nomes.co	A combination boiler is our standard and preferred heating system. It supplies continuous hot water for taps and radiators and runs on oil or gas, bottled or mains supplied. We use only top brand names and quality systems with long warranties.
Radiators (water filled) – standard white	OPTION
	Standard white radiators are fitted as per the engineer's requirements.
Designer Radiators from Hundreds of Styles	OPTION
	A wide selection of modern, vertical or ceiling hung radiators are available.



Internal Wall Lining

Internal Lining and Wall Finish

12mm Plasterboard + Plaster Skim + Decoration



STANDARD

Our standard internal wall finish is exactly that which would be found on a conventional residential house.

Walls are boarded with moisture resident plasterboard, wet plaster skimmed and then decorated, just like a normal house.

12mm MDF + Decoration



OPTION

12 MDF board with an attractive 'V' Channel design is the option for hardwearing use, ideal in holiday homes.

Wallpapered OPTION



Electrics

Electrics	
Liectrics	
1 st Fix Electrics	STANDARD
	We complete both 1 st fix, which is all the wiring and 2 nd fix which is the switches and sockets, lights and other items you see. There is a wide selection of styles from standard white to flush fitting chrome. The quantities of switches, sockets and lights is normally contracted as a numbered allowance, for example 40 spot lights, we can then locate these when the frame is constructed, then you can actually walk around each room and determine suitable locations.
2 nd Fix Electrics	STANDARD
Supply and connect 17th edition consumer unit to current regulations	STANDARD
Switches and Sockets - standard white	OPTION
Switches and Sockets - white or chrome – low profile, dimmer	OPTION
Twin/Single Sockets	*NUMBER
Light Switches	*NUMBER
Spotlights – Standard Fixed	*NUMBER
Spotlights – Adjustable, LED	*NUMBER
Pendant Lights	*NUMBER
External Lights, inc Switches	*NUMBER
External Twin Sockets	*NUMBER
Bathroom / Kitchen Extractor Fans	STANDARD
Smoke Alarms	STANDARD
Kitchen – Spur, Cooker Controller	STANDARD
Telephone and TV Sockets	STANDARD



Toilet and Bathrooms

Toilet and Bathroom Master Bathroom: Toilet, Sink, Bath with Shower + Chrome Screen. All STANDARD standard white. Choice of taps. Saunas, For bathroom, toilets and en suites we allow a financial sum to suit your budget. Clients are supplied with an extensive range of catalogues with hundreds of collections to choose from. Saunas, steam room, Jacuzzi, luxury baths, wet rooms, are all available if the budget allows. Tiling is all bespoke. Disabled / elderly access can all be specified. obilehom **STANDARD** Travertine Natural Stone Tiles - Floor, bath surround and splash-back Ceramic Tiles - Floor, bath surround and splash-back OPTION Half Tiled Walls OPTION **Full Tiled Walls OPTION** Radiator / Towel Rail – Wall Mounted Chrome **STANDARD** Shaver Socket / Console Light **STANDARD** Bathroom Furniture – Sink unit. Medicine Cabinet. Towel Rail. **OPTION**

OPTION

Sauna / Steam room / Shower unit / Jacuzzi Bath



Kitchen

Kitchen

Fitted Kitchen, Worktop and Units, Sink, Cooker, Oven – Choice of 50+





STANDARD

A budget is set and clients can choose any style or design of kitchen from an extensive range of recommended suppliers. We usually wait until the structure is up and you can walk around the kitchen space. We then appoint a designer from your preferred suppliers who will design the kitchen exactly as you wish. Eco Mobile Homes highly skilled carpenters fit each kitchen.

Fitting of boot and laundry rooms with worktops, sinks and storage units will also be allowed for in the kitchen budget.

White Goods – Fridge, Freezer, Dishwasher	NO
Ceramic or Stone Tile Surrounds	STANDARD
Tiled Floor	OPTION
Kitchen related electrics	STANDARD



Floor Finish

Floor Finish Wooden STANDARD Real wood engineered flooring in a selection of styles. 100% Wool Carpets to Bedrooms and Hall OPTION We set an allowance for carpets to suit your budget and you choose any design from a local store. Floor tiles as indicated OPTION We can tile any area of the lodge or the whole floor entirely to create a fantastic feature.



Internal Carpentry

Internal Carpentry	
Skirting and Door Surrounds - MDF Painted – White Internal Doors - Oak Veneered in choice of styles	STANDARD Our standard internal carpentry is oak doors oak flooring with a white painted skirting board. However, there are a wide selection or other styles and designs available.
Skirting and Door Surrounds - Oak	OPTION
Internal Doors - Panel Doors - in choice of styles - painted	OPTION
Fitted Bedroom Wardrobes – Doors Only	OPTION
Double Partition Poors. Timber Frame Full Class	OPTION
Double Partition Doors – Timber Frame, Full Glass	OPTION
COM	



Services and External Works

Services and Service Connections	
Liaison to National Utility Providers	BY CLEINTS
Water: To be ducted under the build at location specified by Eco prior to delivery of the frame.	STANDARD
Waste: Soil Waste Pipes to be installed by client prior to delivery of frame. As per drawing provided by Eco. 100mm diameter pipes left 600mm above proposed floor level.	STANDARD
Electrics: Eco provides Consumer Unit and Connection to the Electric Meter that the Clients must site with-in 3 meters of the Consumers Unit Location. The Client is requested to provide the Electric Meter Kiosk and associated works.	
Gas: The Client is requested to provide the Gas Isolation Valve to with-in 3 meters of the specified boiler location.	STANDARD

Site Equipment	
Site Toilet	STANDARD
Waste Removal	STANDARD
Forklift / Manatu	-
Storage Unit	-

External Works	
Decking – Anti-slip Softwood	ADDITIONAL
	Available in a variety of styles and finishes.
William Scottle	



Design Collections

































































































































Example Floor Plans











































