Contractors Proposal
18th August 2025

Wrexham Miners Project
Geraint Roberts - Bathroom Pods

Midi & Lightning En-Suite Shower PODS

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1. Lightning En-Suite Description

This rectangular unit offers a generous shower, WC and hand basin en-suite in a convenient 1980mm x 760mm internal layout.

The unit is available in left or right-hand **configuration.**

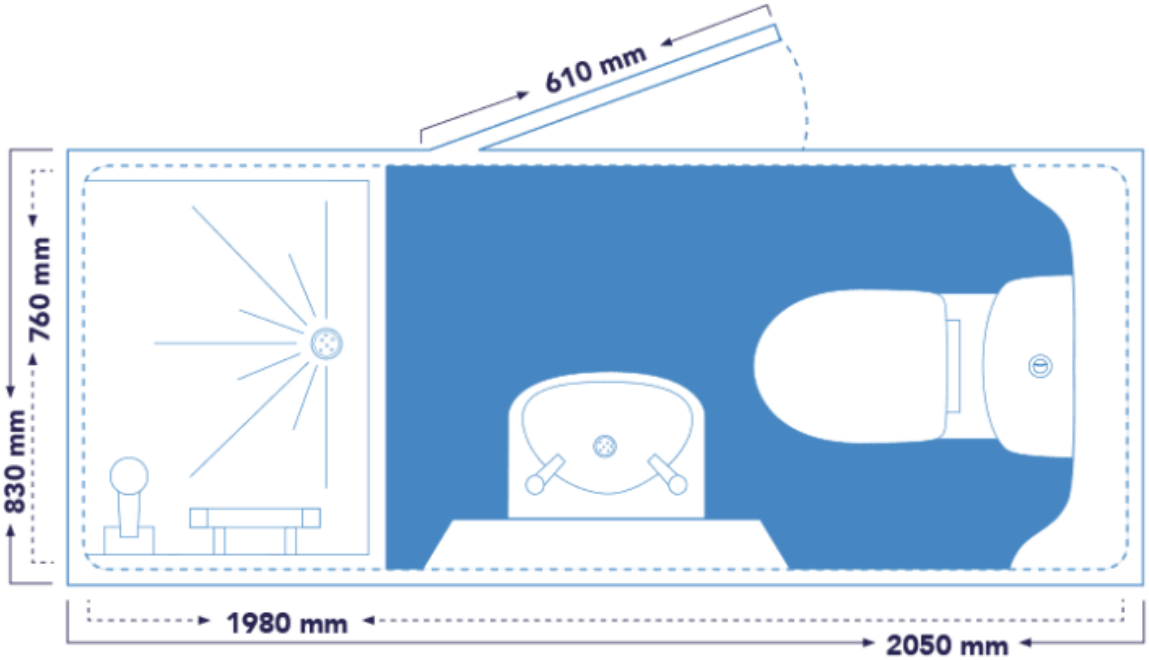
The well-lit unit using L.E.D. lighting, standard size WC and hand basin with a shower area measuring 760 x 680mm gives an exceptional feeling of space.

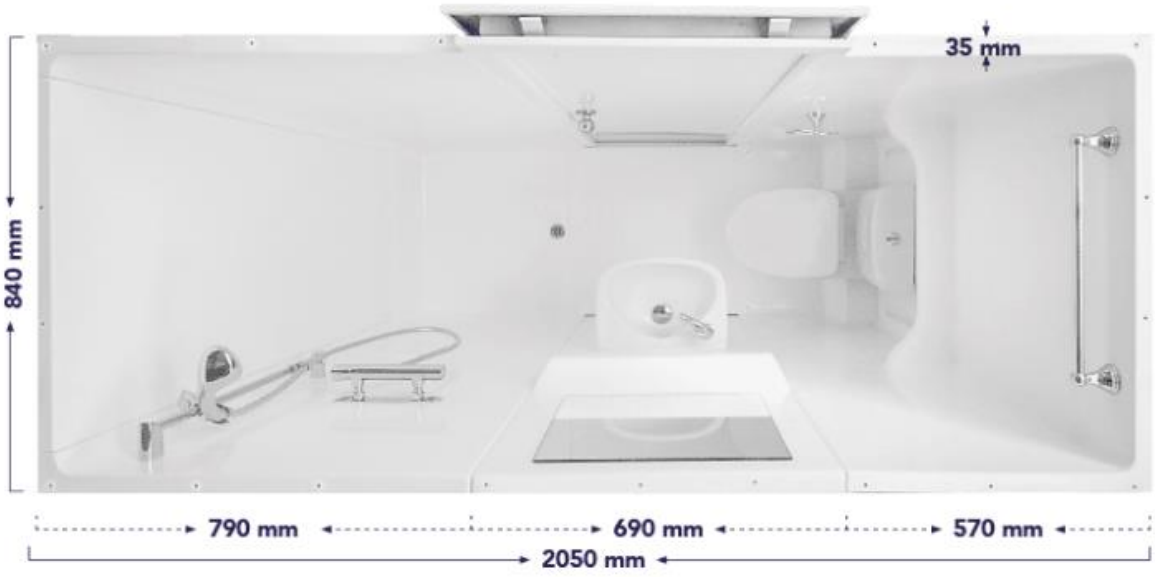
The pre-fabricated unit is moulded in GRP fibreglass and comes completely finished and ready to install. Supplied in panels, designed to fit through a standard doorway and upstairs.

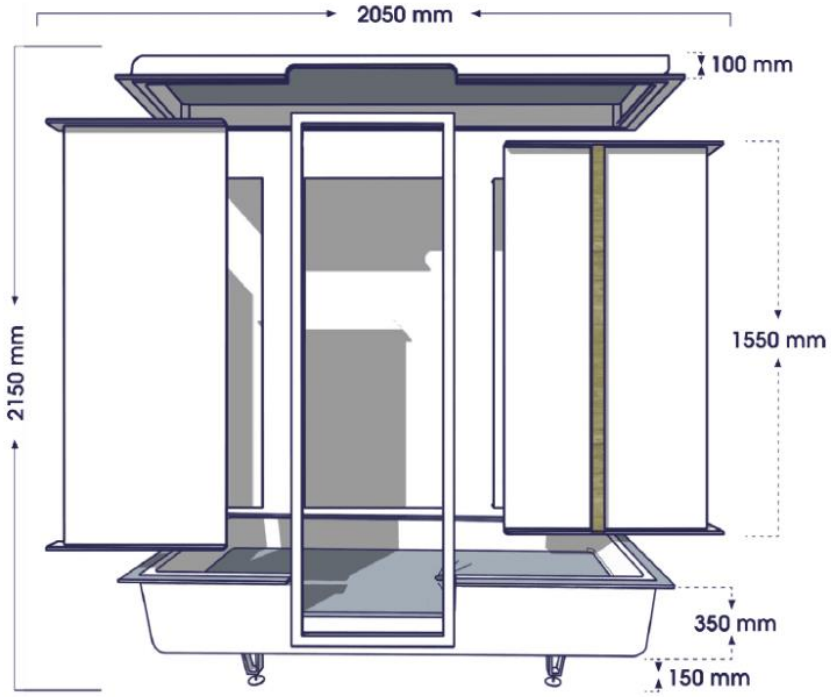
The basic units require cladding or can be built into alcove situations.

Trade Price per unit - £3,800.00 + VAT

2. Lightning En-Suite – Drawings







3. Midi En-Suite Description

This unit gives a full three function en-suite for that room where you really need bathroom facilities. The unit has the benefit of L.E.D. lighting, standard size WC, wash basin and a full-size shower tray.

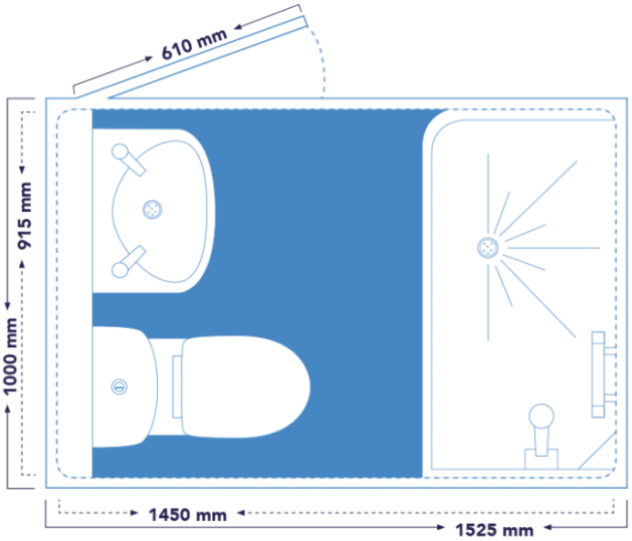
The pre-fabricated unit is moulded in GRP fibreglass and comes finished and ready to install. Supplied in panels, designed to fit through a standard doorway and upstairs.

The unit is available in left or right-hand **configuration.**

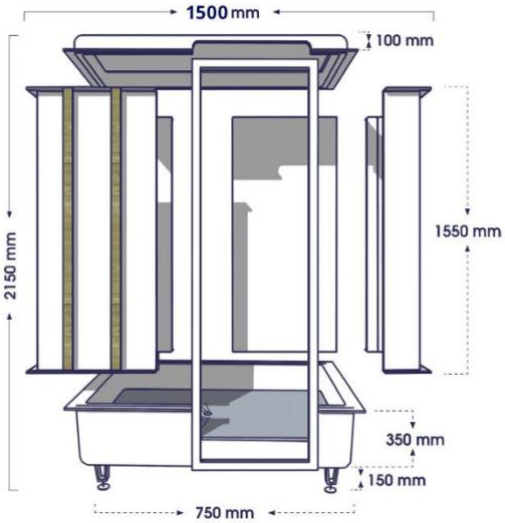
The basic units require cladding or can be built into alcove situations.

Trade Price per unit - £3,700.00 + VAT

4. Midi En-Suite Drawings







5. Lead Times

For a couple of units we quote 4-5 weeks.

For orders more than 10x we work to manufacture in advanced to meet the construction time frames.

For delivery of 70x units we would work with you to plan production accordingly.

6. Delivery

Usually, each unit is delivered on a single large pallet, or they can be packed into a lorry for hand unloading at site depending on the site requirements.

We would arrange weekly delivery to follow the construction production plan, ideally weekly – to be confirmed with site.

The Crystal PODS are delivered to site only – no onward movement or installation.

Standard delivery is £180 per unit.

7. Payment Terms

Proforma before manufacture – usually 2 orders on proforma before credit terms agreed.

8. Warranty

En-Suite PODS have a One-year warranty and all components the relevant manufactures warranty.

9. Installation

The **Technical & Installation** instruction are available online to provide an overview of the installation.

Key points from the instructions are below:

TAKING DELIVERY OF UNITS

Your unit will usually be delivered in its component panels. This will consist of a base, a roof and between two and five wall panels. You will also have the WC, a box containing various accessories, and a door in a steel door frame. You should unload these items to a safe area where they will not be damaged. Take a moment to inspect the panels for any damage in transit and advise your supplier if required.

ASSEMBLY OF UNITS

1. Identify the base moulding and carry it to the installation site. Roughly adjust the feet so that the tray sits as level as possible. (Final adjustment is carried out later). Place the tray on the ground away from the installation area sufficiently to allow access all around the pod.

2. Identify the wall panel mouldings and carry them to the installation site. Begin attaching the wall panels starting from the door cutout and using the M6x20 bolts and nuts found in the accessory box. Leave the bolts loose at this stage.

3. Identify the roof panel and carry to site. Lift the roof on to the wall panel mouldings and secure with the bolts. Be careful not to trap any switch cords in the joints!

4. Carry the door/frame assembly to site, check the orientation and install the frame between the GRP flanges. Secure with the small (3.5x20mm) self-tapping screws provided. Line up the inside of the door frame with the inside of the gel face - This can be tricky to get the first few screws aligned and often requires two people to achieve.

5. Remove the two cistern securing screws (4.2x32mm) from the wall panel complete with their penny washers. Install the w/c in position using a rotating motion from above to introduce the pan outlet into the hole in the wall and covering the floor attachment brackets. The 15mm flexible water supply hose must also be fed through the hole in the service duct at the same time. Secure the cistern to the wall with the self-tapping screws and secure the pan to the brackets with the screws and cover caps from the box.

6. Install the door handle/privacy lock (from the box) ensuring the thumb turn is on the inside, by removing the two screws from the fitting and reassembling in situ.

7. After the plumbing and installation have been carried out, attach the shower curtain to the rail gliders with the plastic washers provided and attach the shower head and hose with the rubber washers.

PLUMBING

It is most important before commencing installation to plan how all the connections will be made and how soil, waste and water pipes will run. It is assumed that the water supply and heating arrangements will have been surveyed and appraised in advance regarding pressure and suitability for the fitting in the pod. There are many different shower and heating systems available. If you are in any doubt consult your supplier.

Carry out plumbing as follows:

1. Plan and install the 110mm soil pipe and terminate in convenient location.

2. Plan and install basin and shower wastes and terminate in suitable location (use boss connections to soil pipe if convenient)

3. Make all connections to shower, basin and cistern and run pipes along the unit terminating under the basin (or as preferred!)

4. Install water supply pipes in the room and terminate in a location which will coincide with the access hatch under the basin when the unit is placed in final location. Terminate water supplies with ball valves.

5. Move the entire unit back into position and finally adjust the feet so that the unit is sitting level and upright. On very uneven floors it may be necessary to use wooden packers under some of the feet.

6. If needed remove access hatch (six 3.5x32mm screws) under basin and make final connections through the hatch. Turn on water and check operation of taps, shower and cistern. Inspect all connections for leakage.

7. Seal all the flange joints between the GRP panels with white sanitary silicone mastic. This should be applied with a mastic gun and cartridge with a small nozzle introduced squarely into the joint. Try to maintain an even pressure without too much overspill. Smooth down the mastic with a wet finger or spatula and remove any excess with suitable solvent. Ensure all joints are clean and dry before sealing.

8. Run ducting for the extractor fan to a suitable outside location.

ELECTRICAL CONNECTION

Your unit will be supplied with a short length of three core cable connected to the junction box. This should be connected to a switched fused spur with a 5-amp fuse. The power supply in the property should be suitably protected with the appropriate trip switch. If you are in any doubt over your property`s electrical system, then you should consult an electrician.

CLADDING AND FINISHING

1. Units are usually clad with plasterboard or other sheet material (e.g. ply or mdf). Special clips are provided around the door frame which allow the cladding to be slipped behind the "architrave" portion of the door frame and provide a finished appearance.

2. Attach suitable battening to the walls, floor and ceiling of the room in a suitable position to support the edges of the cladding. Cladding can then be fitted as required and screwed to the battens on the pod and on the adjacent property walls. Use suitable length screws to avoid screwing through the grp into the pod!

3. Fit skirting/picture rail/coving as required/desired and decorate the outside to taste.

10. Component Parts

The Lightning and Midi units comprises of the following parts:

- WC/Cistern/Seat – Tortum E1001/2/3
- Click Clack Waste Slotted
- Clarity Single lever basin mixer tap
- Nuie 450mm Wall Hung Basin
- McAlpine 90mm trap
- Trap 1/4 bottle (small) 30mm basin trap)
- Pan Connector Straight 110mm
- Flexi Tap Connector 15 x 1/2 x300mm
- Methven Deva Wall plate
- Vado Thermostatic shower
- Long Drop Curtain White
- Towel rail and toilet roll holder
- Privacy Knob set Bala
- Downlight 6w 4000k IP65
- Shaver light IP44 Zone 2 SH IP44
- Extract Fan. Silavent 100mm IP24
- Junction box 20a 4 terminals
- Switch 2w 10a