



# Redco International

ISO 9001:2015 | 14001:2015 | OHSAS 18001:2007

PRE-ENGINEERED PODS OFF – SITE CONSTRUCTION



Precast Concrete & Hollowcore Factories | Readymix Concrete Plants | Steel cut & bend factory | Earthwork & Blasting  
Civil Construction | Architectural Finishes | Steel Fabrication | MEP Grade A Contractor | Landscaping

# INTRODUCTION

Redco International has established a Pre-engineered Bathroom Pod off-site construction facility in Doha equipped with a team of well experience and technically strong professionals with more than 30 years of experience.

We aim to produce and deliver high quality finished bathroom pods to hotel, universities, villas and high rise commercial and residential buildings.

We will design, manufacture, deliver and install offsite manufactured bathroom pods as a full turn key bathroom solution, consisting of a floor, walls, ceiling with all internal finished 100% complete. A pre-engineered bathroom pod is a bathroom unit build off-site, designed as per the requirement / specification of the client.

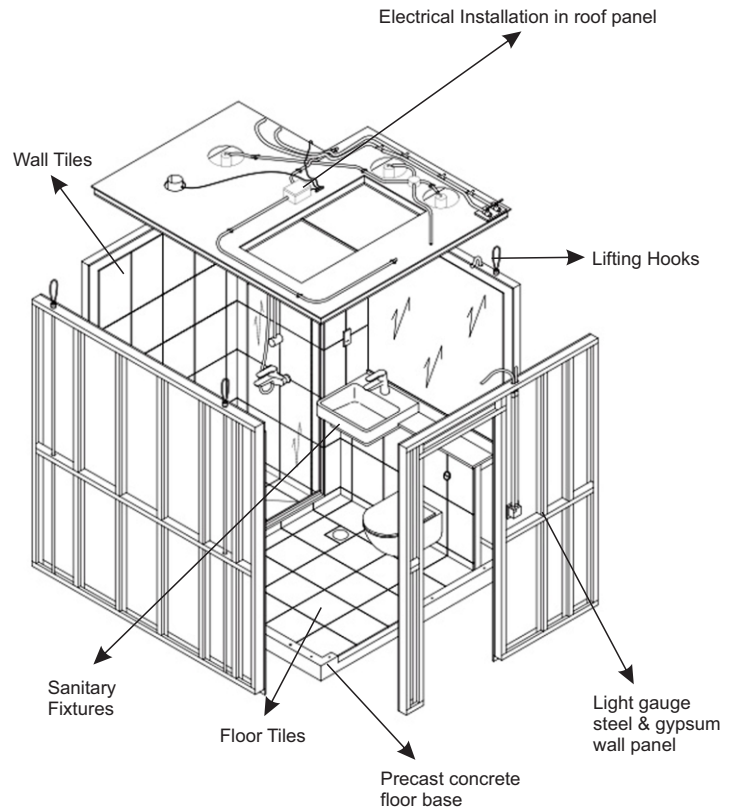


The bathroom pod can be anything from a simple low-end housing project, with simple 100x100 mm wall ceramics tiles to a complicated 5-star hotel with marble or granite floors and walls, walk-in showers with glass enclosures, glass wall cladding, free-standing baths etc.

The more complex and the requirement to detail, the more beneficial it is to build in a factory controlled environment compared to building it on site.

The floors are all cast in concrete, with the option to cast all drainage in the floor and therefore save considerable MEP works and coordination of these works on site. Floors are waterproofed and tiled, the walls and ceiling are added and the box is assembled. The walls which can be precast concrete or light weight steel and gypsum plasterboard, are waterproofed and tiled, plumbing and electrical work is carried out and the bathroom is fitted out with all sanitary ware.

The complete turnkey finished bathroom is fully tested and ready for simple on-site connection to the mains like water drainage and power.



100% Finished Unit Ready for Delivery

# 5 STAR CREW ACCOMMODATION FOR QATAR AIRWAYS IN DOHA



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# BENEFITS OF PODS



## CONSISTENT QUALITY

All pods are cast in the same mould, when the reference pod quality is signed off that is then the minimum standard to be supplied.



## LESS SNAGGING

Considerably less requirement for snagging later on in the often hectic stage of the project.



## TIME SAVING

Using Pods can easily reduce the overall build program of the project.



## PROJECT SPECIFIC DESIGN

The Pod is designed and built by an experienced team, specialized in off-site construction technology.



## LESS CRANE TIME

One lift with the crane and all materials and the delivery is completed, no need for pallets for each item to be sent to each floor then each room.



## LESS WORK ON SITE

The project manager can deal with only one contractor instead of a minimum of 10 suppliers and subcontractors.



## NO STORAGE RESTRICTION

No storage space for toilet material at the site, since the module is delivered finished.



## ONE POINT OF CONTACT

No inter-trade or company arguments because we are from the same company and it all coordinated, and therefore no delays.



## EASY MAINTENANCE

Pods installed back to back and location of all the services in the riser shaft gives easy access for maintenance.



## FULLY TESTED

Pods are delivered fully tested and our team will be on site when water and power is connected to the building to do the final commissioning.



## FIXED PRICE

A fixed price is agreed on the specification so there will be no surprises.



## FAST INSTALLATION

The speed of installation on site, 20-30 pods can be positioned a day if the site is ready and pods can also be installed throughout the night.



# HIGH QUALITY INTERIOR FINISHES





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# PRODUCTION PROCESS



Mould Making

1



Casting

2



Demounting

3



Floor Waterproofing

4



Floor Tiling

5



Pod Assembly

6



Wall Waterproofing

7



Wall Tiling

8



Electrical and Plumbing

9



Leak Testing

10



Finished Pod

11



Truck Loading

12

## INSTALLATION PROCESS

The pods are loaded onto a truck or into a container when shipped abroad, driven to the site and lifted directly onto a platform or scaffolding on the side of the building and pushed into place, by our experienced installation team in cooperation with helpers from the contractor.

Pods are located to predetermine datum lines by the main contractor prior to pod installation. Pods with penetration for the drainage through the floor, have a template delivered in advance to have the penetrations ready prior to the installation.



## REFERENCE PROJECTS IN MIDDLE EAST



The Atlantis - Dubai - 1267 Pods



Dubai University Hospital - Dubai - 180 Pods

## REFERENCE PROJECTS IN MIDDLE EAST



Aldar Headquarters - Abu Dhabi - 110 Pods



Yas Marina Hotel - Abu Dhabi - 280 Pods

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