

resoloo

Sanitation

resocrete

Moulding the Future

resoloo MODULAR ABLUTION 4 UNITS 1015 X 875

INSTALLATION SYSTEM

Assembly of the **Resoloo Modular Ablution 4 unit 1015 x 875** is a quick and easy task and should take no more than 25 minutes, provided that the surface on which the installation is taking place is flat and level.

Please follow the steps provided for easy installation



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The **resoloo Modular Ablution 1015 x 875** can be assembled as one unit or any number of units. For the purposes of this document, four units are assembled.

The units are assembled using M6 x 20mm galvanised machine screws to attach the Front Door-Walls, Side Walls and Back Walls together and Structural Polyurethane is used to bond the Mid walls and Roofs in to place.

First, read through these instructions carefully from beginning to end, identifying which parts are which, and checking that you have all of the components listed below for the assembly, namely:

WALL STRUCTURE COMPONENTS

- 4 Back Walls
- 1 Left Side Wall
- 1 Right Side Wall
- 4 Front Door-Walls
- 3 Mid Walls
- 2 Corner Mouldings

FIXINGS

- 29 M6 X 20mm Galvanized Machine Screws
- 29 M6 Galvanized Hex Head Nuts
- 29 M6 Galvanized Washers
- 1 Structural Polyurethane 600ml

DOOR LATCH COMPONENTS

- 4 Dual Operation Slide latch
- 4 Latch Cover Plates

FIXINGS

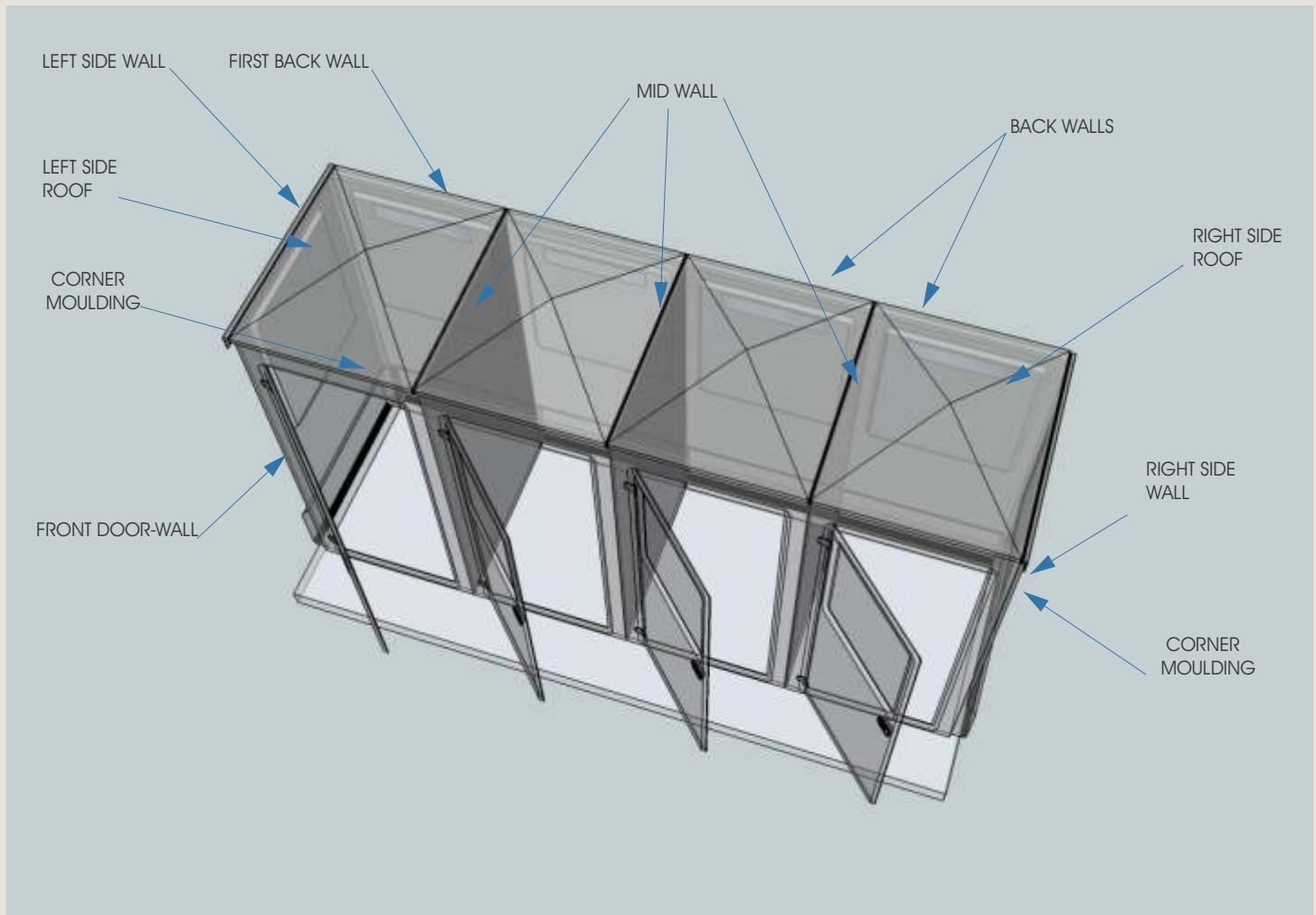
- 16 M5 X 20mm Galvanized CSK Machine Screws
- 16 M5 Galvanized Hex Head Nuts
- 16 M5 Galvanized Washers

ROOF COMPONENTS

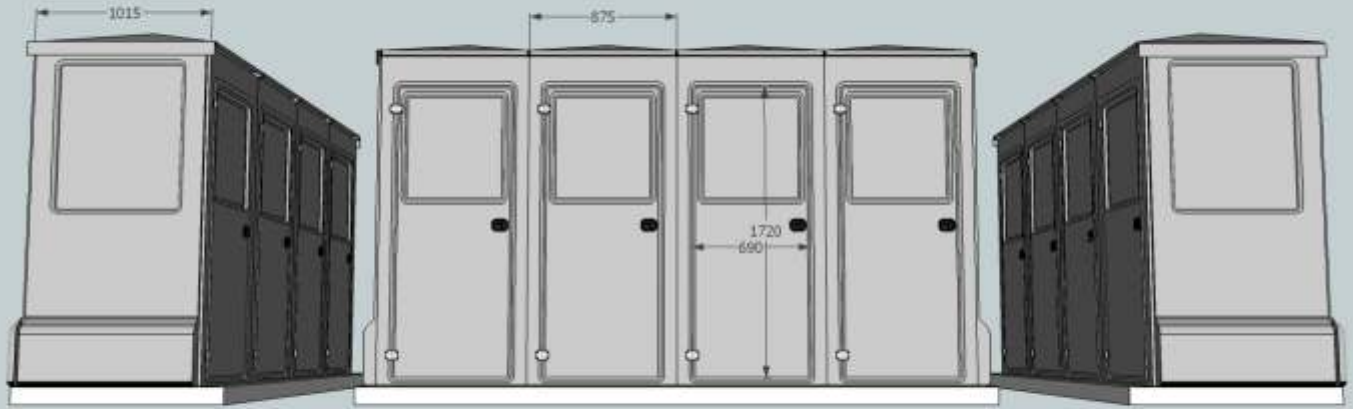
- 1 Left Side Roof
- 1 Right Side Roof
- 2 Mid Roofs

FIXINGS

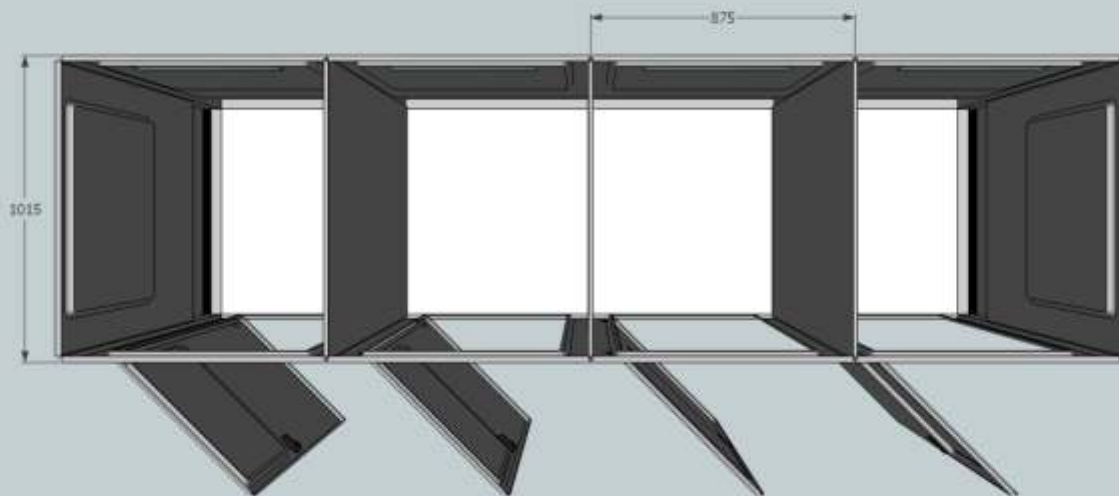
- 1 Structural Polyurethane 600ml



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4 UNITS 1015 X 875



ISOMETRIC ELEVATION VIEW

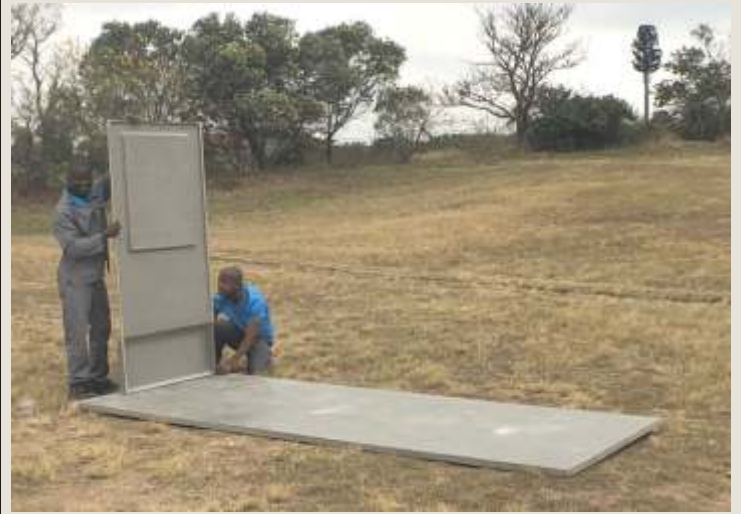


ISOMETRIC PLAN VIEW

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Ensure that the surface you are installing the structure onto is straight and level and set out the line of the Ablution Module you are using, ensuring that corners are 90 degrees.



Install the Left Side Wall into place, fixing down to the slab structure with suitable fixings, dependant on the base you are installing onto



Attach the first Back Wall to the Left Side Wall using 5 x M6 x 20mm machine screws provided and then fix Back Wall down to the slab structure with suitable fixings ensuring that walls are 90 degrees to one another.



Locate the second Back Wall into place, and attach to the First Back wall with 3 x M6 x 20mm machine screws provided, then fix to the slab structure with suitable fixings.



Fix the first Front Door-Wall to the Left Side Wall using 5 x M6 x 20mm machine screws provided and then fix down to the slab structure with suitable fixings ensuring that walls are 90 degrees to one another.



Apply a full bead of Structural Polyurethane into the groove along the entire length of both sides and the top of the first Mid Wall, ensuring that there are no gaps - this is critical to ensure that there are no leakages.

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Install Mid Wall into place aligning flanges of the Back Walls and Front Door-Wall into the groove of the Mid Wall and wipe away excess Structural Polyurethane



Apply a bead of Structural Polyurethane along the top of the Side wall and install the Left Side Roof into place, aligning the right hand side flange of the Roof into the top of the Mid Wall and locking the Roof into place over the Back and Door-Wall.



Attach the next Back Wall to the first Back Wall using 3 x M6 x 20mm machine screws provided and then fix down to the slab structure with suitable fixings.



Repeat as before, attaching the next Back Wall to the previous Back Wall using 3 x M6 x 20mm machine screws provided and then fix down to the slab structure with suitable fixings.



Fix the Right Side Wall to the last Back Wall using 5 x M6 x 20mm machine screws provided and then fix down to the slab structure with suitable fixings ensuring that walls are 90 degrees to one another.



Fix the next Front Door-Wall to the last one, aligning the side flange of the Front Door-Wall into the groove of the Mid Wall and then fix down to the slab structure with suitable fixings.

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As with the first Mid Wall, apply a full bead of Structural Polyurethane into the groove along the entire length of both sides and the top of the next Mid Wall and install into place aligning flanges of the Back Walls and Front Door-Wall into the groove of the Mid Wall wiping away excess Structural



Install a Mid Roof into place, aligning the left and right hand flanges into the top of the Mid Walls and locking the Roof into place over the Back Wall and Front Door-Walls.



As with the previous Front Door-Wall, fix the next Front Door-Wall to the previous one, aligning the side flange of the Front Door-Wall into the groove of the Mid Wall and then fix down to the slab structure with suitable fixings.



As with the previous Mid Wall, apply a full bead of Structural Polyurethane into the groove along the entire length of both sides and the top of the next Mid Wall and install into place aligning flanges of the Back Walls and Front Door-Wall into the groove of the Mid Wall wiping away excess Polyurethane



Install the next Mid Roof into place, aligning the left and right hand flanges into the top of the Mid Walls and locking the Roof into place over the Back and Front Door-Walls.



Fix the last Front Door-Wall to the previous one, aligning the left side flange of the Front Door-Wall into the groove of the Mid Wall, also fixing the right side flange to the Right Side Wall using 5 x M6 x 20mm machine screws provided and then fix down to the slab structure with suitable fixings.

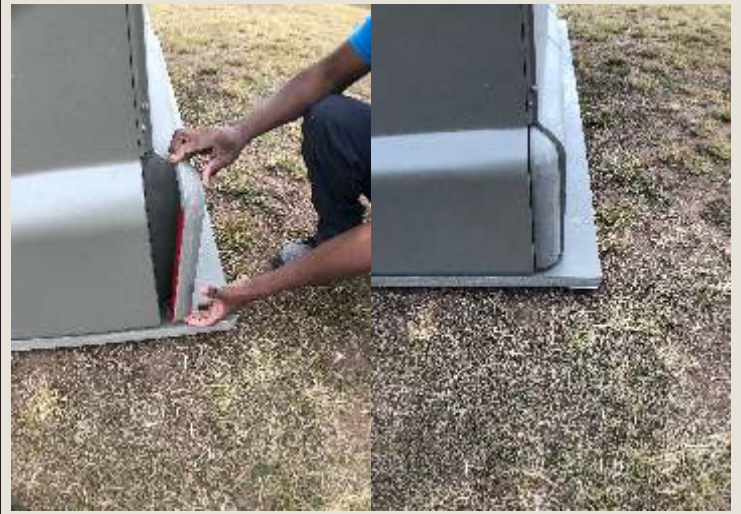
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Apply a bead of Structural Polyurethane along the top of the Right Side wall and install the Right Side Roof into place, aligning the left hand flange into the top of the Mid Walls and locking the Roof into place over the Back Wall and Front Door-Walls.



Remove the red backing from the double sided VHB tape on the corner mouldings and fix into place



Apply a continuous bead of Structural Polyurethane along the valley of each roof interface to ensure that the units are waterproof



Note that the Modular ablution can be assembled from one to any number of units



AIR CIRCULATES THROUGH THE APERTURE PROVIDED BETWEEN THE ROOF OVERHANG AND THE FRONT AND BACK WALLS