



## **Dudley Resan Vandal Resistant Basin**

### **Fitting Instructions**

**Warning**

20kg heavy product. It is recommended that at least two people carry out the installation to prevent personal injury or any damage to the basin.

**Important**

Please read these instructions carefully before installation.

**Disclaimer**

1. The specifications of this product can change without notice as a result of continual product development.
2. These instructions are intended to be a general guide only as specific conditions vary from installation to installation.
3. The images in these instructions are for illustrative purposes only and may vary slightly from the actual product as a result of continual product development.
4. Check the product for defects or damage prior to fitting. Fitting the product is an acceptance that the product is free from defects and Thomas Dudley Limited cannot retrospectively accept responsibility for any defects subsequently discovered.

**Component Checklist**

1. Basin
2. 4 x M10 threaded fixing studs
3. 4 x M10 lock nuts
4. 4 x M10 washers
5. Paper drilling template
6. Instruction leaflet

**Equipment Checklist: Not Supplied**

1. Drill, masonry bits and hole saw (optional) suitable to create required holes
2. Adjustable Spanner
3. Spirit level
4. Pencil

**Unpacking**

1. Unpack the basin and rest on a soft grit free surface to avoid scratches or other damage to the surface finish.
2. Check for any defects.

**Wall Preparation**

1. Ensure that the wall surface where the basin is to be mounted is vertical, flat and free from protrusions and debris.
2. Ensure that the wall to which the basin is fitted is structurally sound and capable of supporting the 20kg weight of the basin.
3. Affix the paper drilling template to the wall at a height in accordance with the local recommended standards using masking tape, ensuring that it is level and crease free.
4. Using a pencil, mark the hole centres for the 4 off mounting positions, waste pipe and IR sensor wiring.
5. Remove the template and drill holes through the wall suitable to accept the following items:
  - a. 4 x M10 threaded fixing studs
  - b. 1 x 32mm or 1¼" waste pipe
  - c. 1 x tap
6. Rebate the waste pipe hole to accept the moulded reducer that protrudes from the rear of the waste outlet
7. If required, rebate the tap hole to clear any fixings
8. Remove all debris from the holes.

### Basin Preparation

1. Fit the tap as per the manufacturers recommended instructions ensuring that an adequate length of pipe work connected to pass through the wall to the desired connection points.
2. Using a suitable pipe solvent to create a strong bond, inset a length of 32mm or 1¼" waste pipe into the rear outlet reducer ensuring that it is long enough to pass through the wall with enough spare to allow easy connection to the outgoing waste pipe-work. Take care to cut the pipe square to ensure that a robust seal is created and that the pipe protrudes perpendicular to the rear face of the basin.
3. Hand tighten the 4 off M10 threaded fixing studs into the threaded inserts on the back of the basin to a maximum depth of 10mm. If the supplied rods are not long enough to pass through the wall it will be necessary to cut lengths of standard M10 all-thread down to the correct size.

### Fixing the Basin

**Warning:** The basin weighs 20kg and should only be fitted using recognised safe lifting procedures.

**Note:** Fitting the basin requires two people: one to lift and hold the basin into position while the other secures it.

1. Lift the basin and slide into position taking care not to damage either the pipe-work or the fixing studs.
2. From the other side of the wall secure the basin into position using M10 washers and locknuts. Hand tighten only and ensure that there is enough thread to fully engage the locknut.
3. Connect the waste pipe as required.
4. Connect the sensor wiring as required.

### Commissioning for Use

1. Check the system for leaks.

### Maintenance

1. It is not recommended that proprietary products be used for cleaning as the vast range of different chemical composition makes it impractical to test individually with the basin.
2. Do not use scouring pads, abrasive cleaners, or sharp instruments.
3. In hard water areas lime scale removers can be used to remove lime scale deposits.
4. Clean regularly using warm soapy water.
5. Matt Finish Basins: Deeper cuts can be removed with 1200 grade wet and dry paper.
6. Gloss Finish Basins: Light scratches and abrasions can be removed by rubbing with a soft cloth and liquid cutting compound.

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