



Installation Instructions



1. Introduction

Designed for timber floors, the Vari-Dec system is a unique concept in wetroom technology that can be used in a number of configurations to create a wetroom of almost any size.

The system is versatile and cost effective and can be installed with the linear drain positioned in the centre of the shower, just off the wall or up against the wall.

Consisting of three main elements, the Vari-Dec system is simple to configure. Start by selecting the required number of **Drainage Components** and **Tapered Boards**, then simply choose the appropriate **Floor or Wall Grill** to suit your wetroom layout.

Please read these instructions in full prior to commencing work.

2. Components

1) Drainage Component

Single, Double, or Triple Trap



Infill Panel

600mm x 300mm

2) Tapered Board



6 Sizes

300mm x 1200mm
500mm x 1200mm
700mm x 1200mm
1000mm x 1200mm
1200mm x 1200mm
1500mm x 1200mm

3) Floor or Wall Grill



9 Lengths

600mm	800mm	900mm
1000mm	1100mm	1200mm
1300mm	1400mm	1500mm

2 Finishes Type

Type G1 or G3

Please refer to Product Specification Guide for full details

3. Step by Step Installation Guide

1



Measure and mark out the area of the desired wetfloor.

Measure and mark to the centre line of the next joist, mark and remove floorboards.

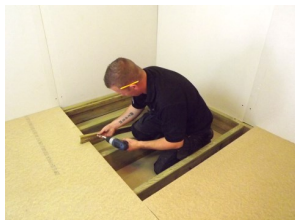
2



Check that all joists are level.

Where necessary install noggins to support the edges of the wetfloor.

3



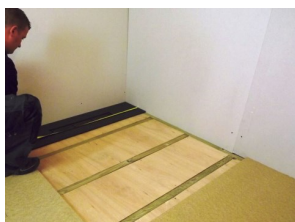
Install timber battens 18mm from the top of the exposed joists.

4



Cut and install 18mm plywood and fix onto the timber battens, to provide a support base for the wetfloor area finishing flush with the top of the joists.

5

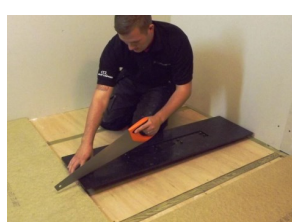


Mark out the position of the Modular Drainage Component.

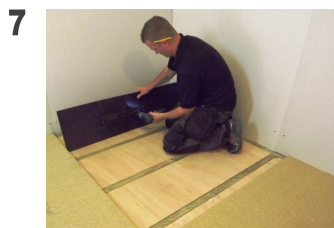
Trim the width if necessary by cutting an equal amount off of each side

Note: See typical layouts on p4

6



Where the grill is to be positioned against the wall, the Drainage Component is trimmed to 220mm along the pre-marked 'cut line'

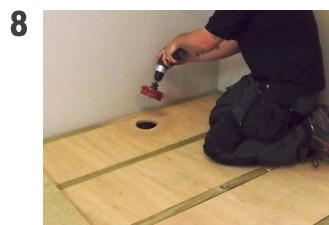


Drill a 50mm hole for the trap in the required position, using the centre line as a guide.

Note: Add up to 3 traps to increase flow rate. See flow rate chart for full details

No. of traps	No. of wastes		
	1	2	3
1	25 L/min	n/a	n/a
2	41 L/min	41 L/min	n/a
3	41 L/min	41 L/min	60 L/min
1	27 L/min	n/a	n/a
2	50 L/min	50 L/min	n/a
3	50 L/min	61 L/min	68 L/min

 Solid/Stone-Infill
 Slotted/Square Holes

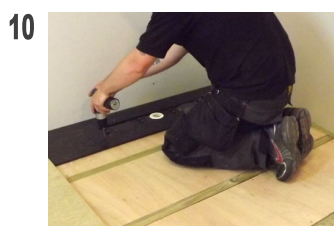


Using the Drainage Component as a template mark out and cut a 100mm hole in the ply support for each trap.



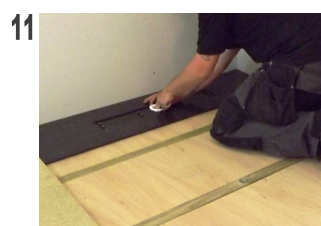
Remove the ply support and position the trap and connect to the wastepipe.

Ensure the trap aligns with the hole drilled in the Drainage Component.



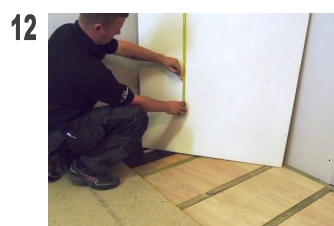
Screw the Drainage Component into place using the pre-formed screw holes.

Note: Take care to avoid wastepipe



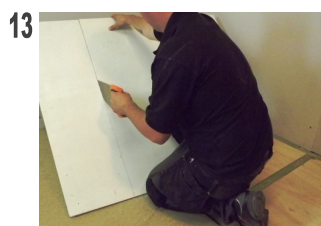
Connect the trap using the tightening tool provided, applying a bead of Jointing Compound around the neck of the trap.

Note: Take care not to overtighten.



Carefully measure the Tapered Boards to fill the remainder of the wetfloor area, using Modular Infill Panels where necessary.

Note: See typical layouts on p4

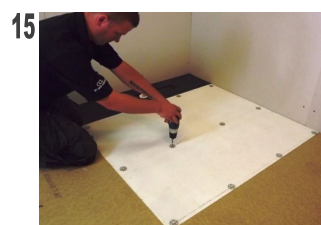


Trim the Tapered Boards as necessary using a hand saw or similar.



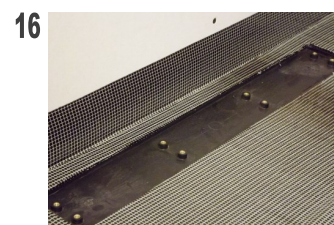
Ensure the thinner edge of the Tapered Board [11mm] abuts the Drainage Component.

Note: Take care not to cause damage when kneeling / placing point-loads onto the boards.



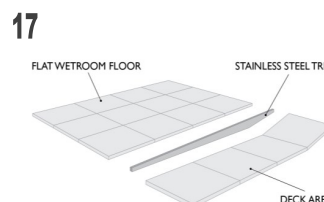
Fix the Tapered Boards into position using the fixing washers provided.

Note: Take care to avoid any pipework or other obstacles.



Waterproofing
Apply Tilesafe floor membrane and FWM wall membrane.

Note: For full details see separate installation instructions



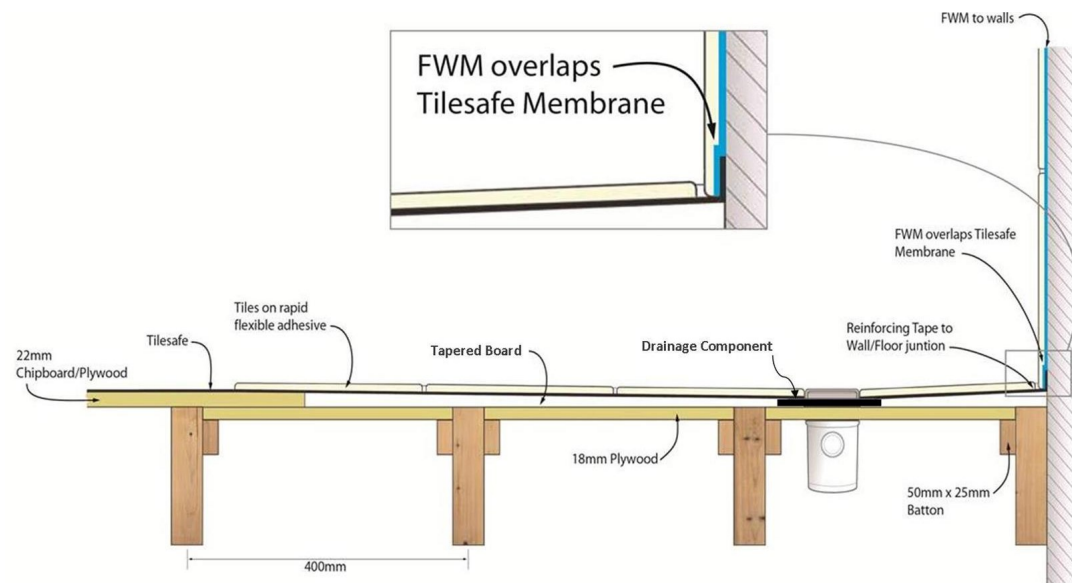
Where necessary install the Tile Edge Trim along the exposed tile edge



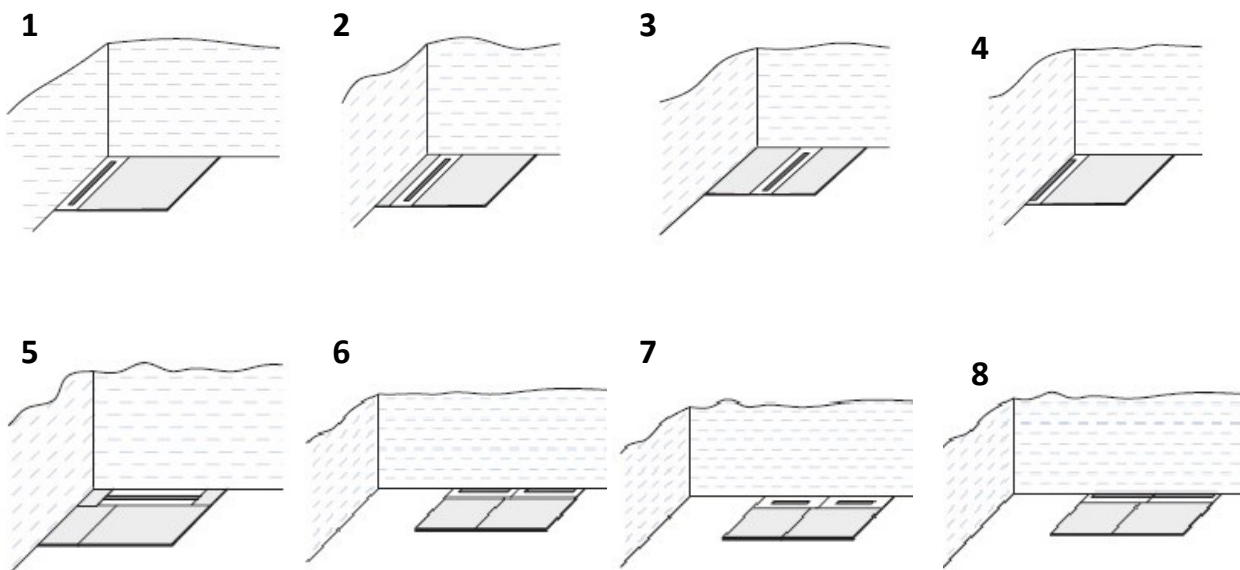
Install Floor or Wall Grill.

Adjust as necessary following separate instructions supplied.

4. Typical Floor Build-Up



5. Typical Layouts



6. Important Notes

Ensure that the wetroom area is waterproofed using **RIW Tilesafe** floor membrane and **RIW FWM** wall membrane. See Product Specification Guide for full details.

Always tile using a 100% adhesive bed in the wetroom area

For further assistance please contact our Technical Support Team on **01256 766757**