

Aqua-Grade

Wet room showers for all lifestyles

impey^{uk}[®]

Aqua-Grade

Wet room showers for all lifestyles

Creating a consistent gradient in a screeded concrete floor for a wet room shower can be a difficult and time consuming task that requires a great deal of skill to get just right.

The new **Aqua-Grade** is the latest addition to the Impey wet room shower range and is designed to produce the perfect drainage gradient with ease.

The unique patented design allows graded floors to be installed at the same time as the main floor screed giving huge time saving benefits.

Aqua-Grade provides a controlled gradient to work to, by simply filling the matrix with the screed then trowelling over the profile - simple as that! Once the mix has set or fully dried, the top surface can be tanked then tiled or overlaid with waterproof vinyl flooring.



- **Perfect gradients every time**
- **Screed profile with integral 1:40 gradient**
- **Modular construction, formed from colour coded sections**
- **Variable size options**
- **Time saving**
- **Gives consistent results**
- **Compatible with underfloor heating systems**
- **Designed for use in concrete (sand & cement) floors**
- **Additional sections available separately**
- **Suitable for insulated floors**

Installation



Fit the 4 supporting feet and mounting plates to the 600mm square section and offer it into position marking the location of the feet and the waste trap aperture onto the sub-floor. Drill and fit rawl plugs into the sub-floor where you have marked the position for the feet.



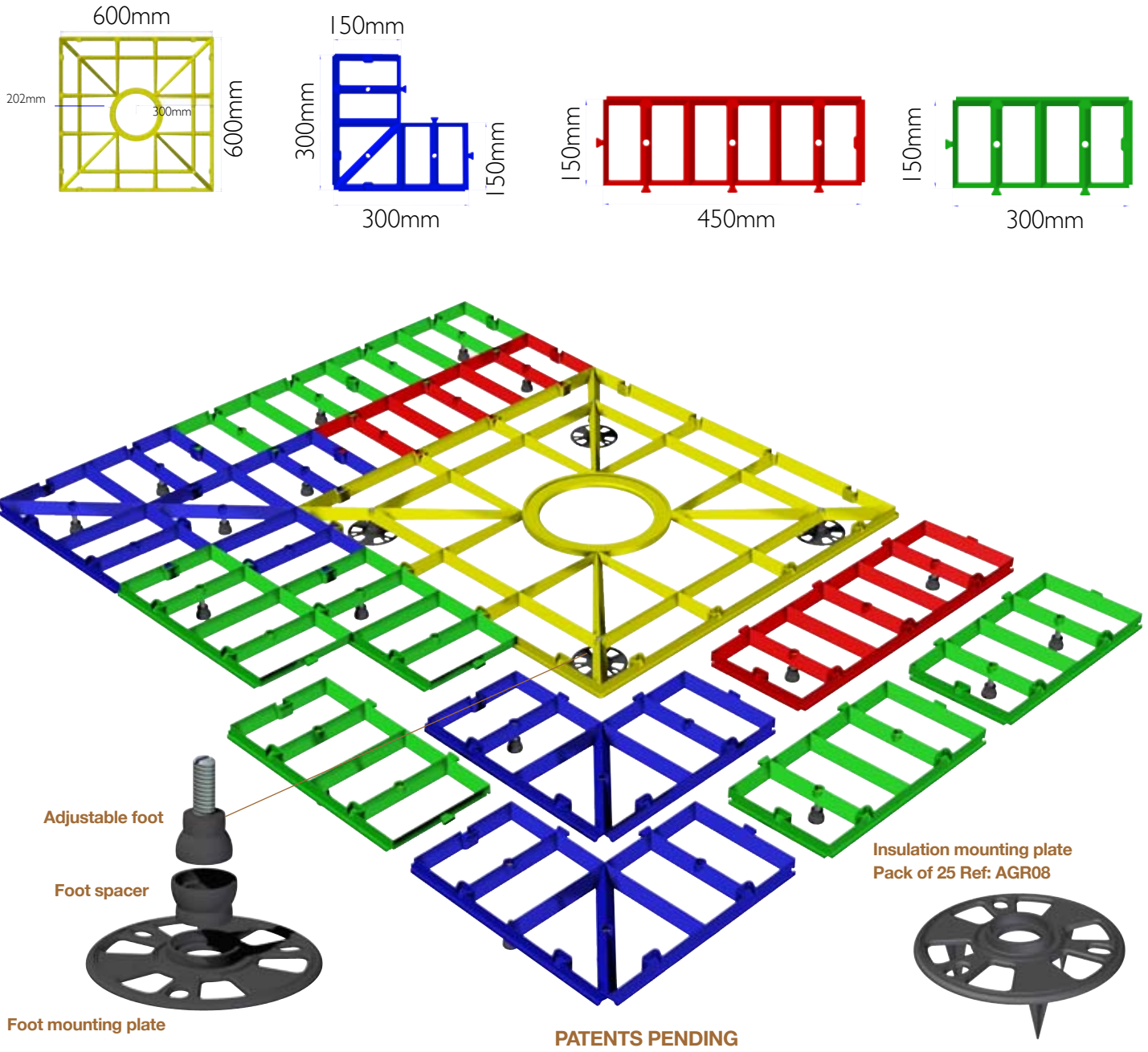
Chase out the sub-floor to allow for the fitting of the waste trap and drainage pipe work.



When the matrix is complete fit the floor drain central dish and the protective trap cover to prevent mortar from entering the trap during screeding.



Fill the Aqua-Grade matrix using a fairly wet mix with rapid setting cement 4 parts sharp sand - 1 part rapid cement.



Install the trap and pipe work, then screw the mounting plates to the 600mm centre section into position. Ensure the section is level on all 4 sides by adjusting each foot individually using a screwdriver.



Fit supporting feet to each of the remaining colour sections and begin to assemble the rest of the Aqua-Grade sections – clicking them into place. Ensure each section is level along its length.



Ensure that the mix is well packed into the Aqua-Grade matrix and that there are no voids left underneath.



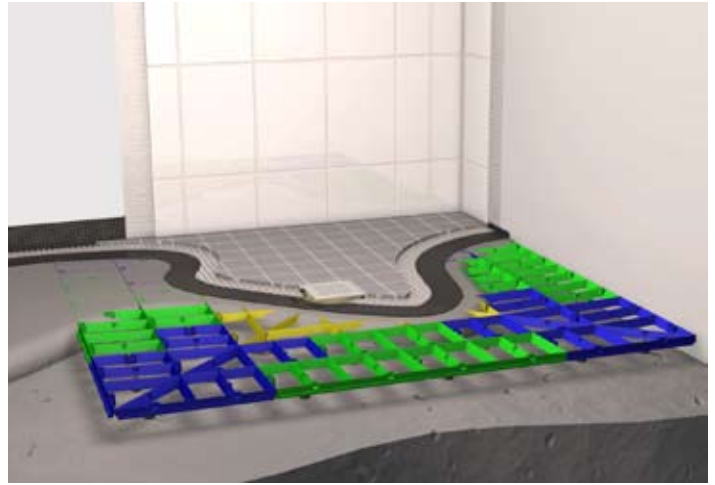
Float over the surface so that the ridges of the Aqua-Grade are just visible through the screed. Allow the mix to dry sufficiently before applying any load or removing the shutter boards for the laying of the surrounding floor.

These are brief instructions please call our technical department for full details

Aqua-Grade sizes:

The **Aqua-Grade** is made from colour-coded modular sections that click together to form a grid-like structure. By simply adding or removing more sections the final shower area can be made as large or small as desired.

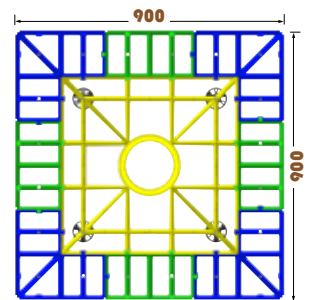
The **Aqua-Grade** is available in several pre-set size options and is supplied boxed, in kit form. Additional sections can be purchased separately.



900 x 900 Kit Ref: AG 1

Kit includes:

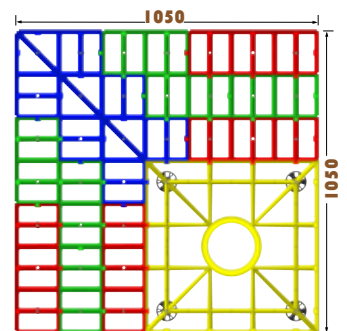
600mm x 600mm starter base	1
300mm x 150mm corner	4
300mm straight infill	4
20mm foot spacer	16
20mm x M8 adjustable foot	16
Foot mounting plate	4



1050 x 1050 Kit Ref: AG 2

Kit includes:

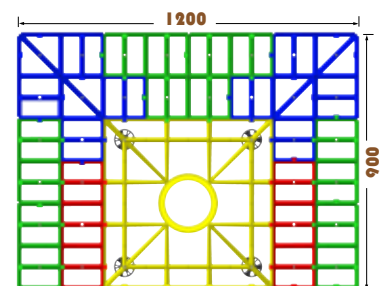
600mm x 600mm starter base	1
300mm x 150mm corner	3
300mm straight infill	6
450mm straight infill	4
20mm foot spacer	31
20mm x M8 adjustable foot	24
Foot mounting plate	4



1200 x 900 Kit Ref: AG 3

Kit includes:

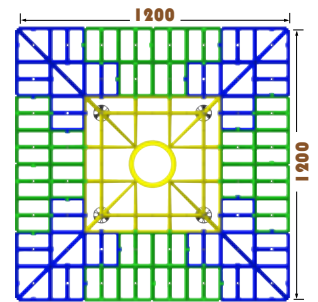
600mm x 600mm starter base	1
300mm x 150mm corner	4
300mm straight infill	7
450mm straight infill	2
20mm foot spacer	23
20mm x M8 adjustable foot	23
Foot mounting plate	4



1200 x 1200 Kit Ref: AG 4

Kit includes:

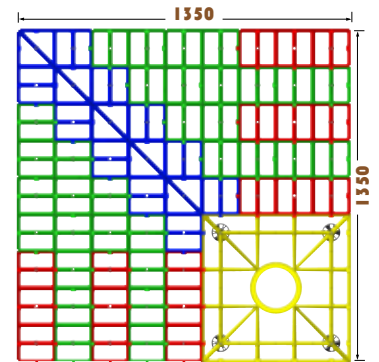
600mm x 600mm starter base	1
300mm x 150mm corner	8
300mm straight infill	12
20mm foot spacer	32
20mm x M8 adjustable foot	32
Foot mounting plate	4



1350 x 1350 Kit Ref: AG 5

Kit includes:

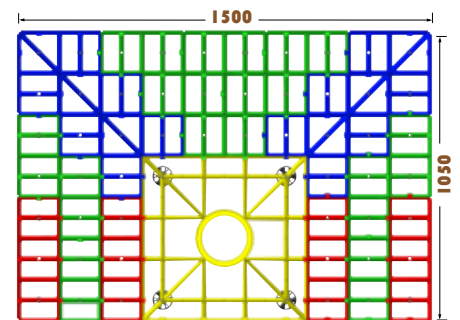
600mm x 600mm starter base	1
300mm x 150mm corner	5
300mm straight infill	16
450mm straight infill	6
20mm foot spacer	76
20mm x M8 adjustable foot	42
Foot mounting plate	4



1500 x 1050 Kit Ref: AG 6

Kit includes:

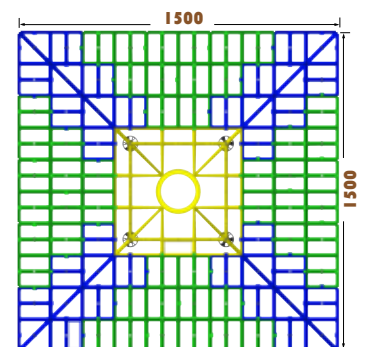
600mm x 600mm starter base	1
300mm x 150mm corner	6
300mm straight infill	12
450mm straight infill	4
20mm foot spacer	47
20mm x M8 adjustable foot	35
Foot mounting plate	4



1500 x 1500 Kit Ref: AG 7

Kit includes:

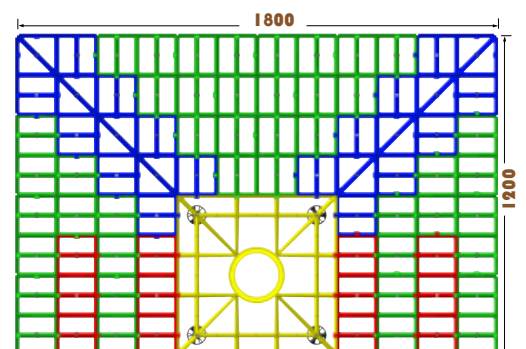
600mm x 600mm starter base	1
300mm x 150mm corner	12
300mm straight infill	24
20mm foot spacer	72
20mm x M8 adjustable foot	52
Foot mounting plate	4

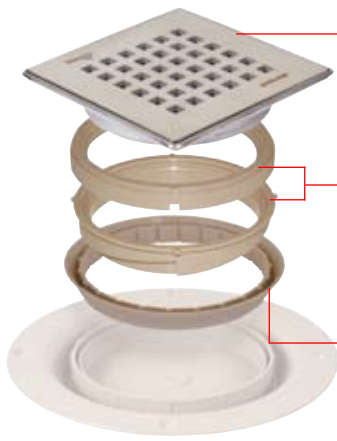


1800 x 1200 Kit Ref: AG 8

Kit includes:

600mm x 600mm starter base	1
300mm x 150mm corner	8
300mm straight infill	22
450mm straight infill	4
20mm foot spacer	77
20mm x M8 adjustable foot	50
Foot mounting plate	4





Stainless Steel Grate

Our drainage options are the most versatile on the market. The high quality stainless steel grate is 5mm thick and has a contemporary and modern design. Our drainage options also come with a removal hook that allows the grate to be removed for easy maintenance.

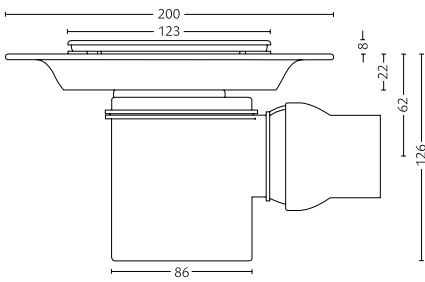
Height Adjustable Rings

The height adjustable rings rotate and vary in height to suit different tile depths. This unique feature means the gully can be used with varying tile depths between 6-26mm depending on waterproof membrane and adhesive thickness.

Membrane Clamping Ring

The membrane clamping ring secures the Tilesafe tanking membrane into place creating a secure watertight seal at the drainage point.

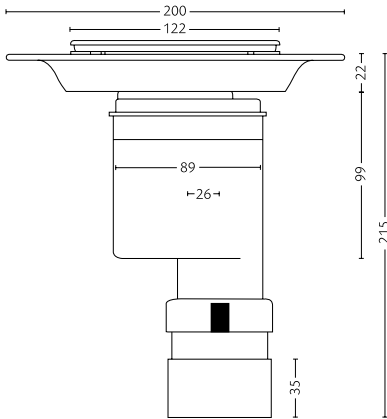
DSSI/H



**TILED FLOOR GULLY HORIZONTAL OUTLET
DEPTH 126MM**

Height adjustable stainless steel top with 50mm water seal. Suitable for floor tiles between 6mm and 26mm in depth. Supplied as standard unless specified. Patent pending.

DSSI/V



**TILED FLOOR GULLY VERTICAL OUTLET
DEPTH 215MM**

Height adjustable stainless steel top with 50mm water seal. Suitable for floor tiles between 6mm and 26mm in depth. Patent pending.

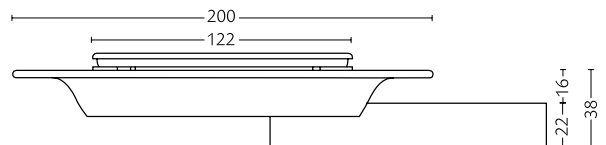


DSS2

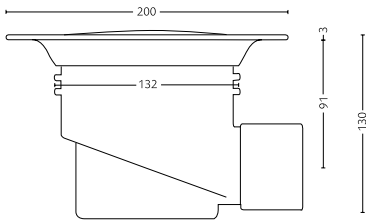


**TILED FLOOR GULLY FOR PUMPED WASTE
DEPTH 38MM**

Height adjustable stainless steel top. Suitable for floor tiles between 6mm and 26mm in depth. Allows water to be pumped away when used in conjunction with the Impey Dry-Deck 20 waste pump. Patent pending.



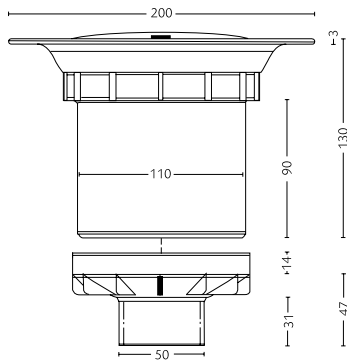
DSS3/H



VINYL FLOOR GULLY HORIZONTAL OUTLET DEPTH 130MM

Stainless steel top and clamping ring for vinyl flooring with 75mm water seal.

DSS3/V



VINYL FLOOR GULLY VERTICAL OUTLET DEPTH 130MM

Stainless steel top and clamping ring for vinyl flooring with 75mm water seal.

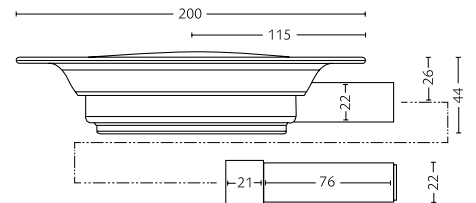


DSS4



VINYL FLOOR GULLY FOR PUMPED WASTE DEPTH 45MM

Stainless steel top and clamping ring for vinyl flooring, allows water to be pumped away when used in conjunction with the Impey Dry Deck 20 waste pump.



Dry-Deck 20 pumped drainage solution Ref: DDW/20

In many contemporary showers and wet rooms a gravity drain is not a feasible option. In a loft conversion, where room height is constrained, or in a basement where the waste water outlet is higher than the gully, an alternative system is required.

The Dry-Deck 20 provides the solution. This low voltage pump system is quiet, compact and can be concealed so as not to compromise the rooms aesthetics. It provides a reliable solution requiring no regular maintenance.

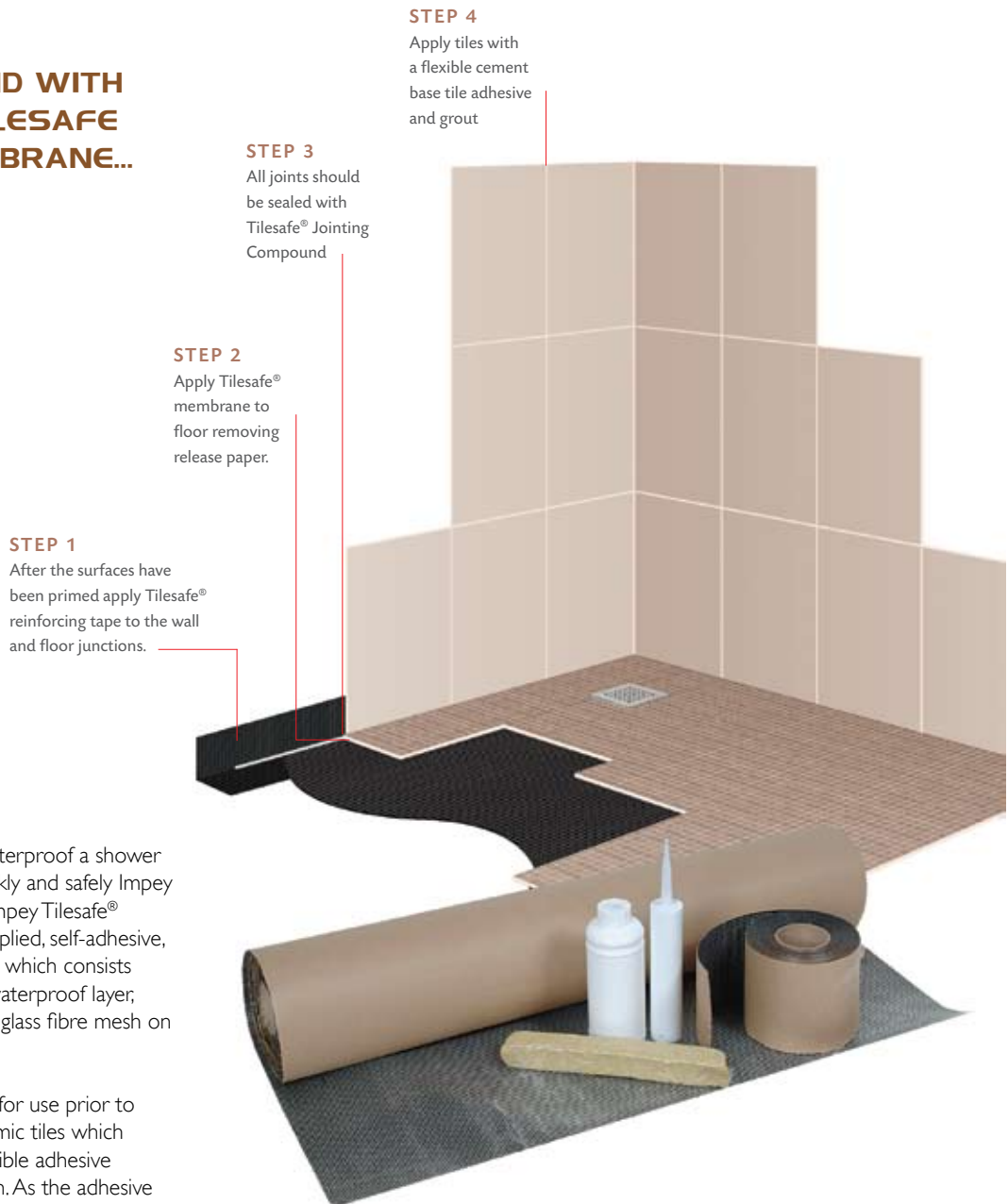
Features and Benefits

- The flow rate of the Dry-Deck 20 system automatically adjusts to changes in shower flow rate
- Almost silent when running
- No filter in waste system - no cleaning required
- Valves integral to the pump prevent odours escaping from the drainage pipe
- Maximum flow rate 20 ltr/min
- Capable of pumping up to the ground floor waste outlet - ideal for basement shower installations
- 2 year warranty

Further information is available on request.



PEACE OF MIND WITH THE IMPEY TILES SAFE TANKING MEMBRANE...



STEP 1
After the surfaces have been primed apply Tilesafe® reinforcing tape to the wall and floor junctions.

STEP 2
Apply Tilesafe® membrane to floor removing release paper.

STEP 3
All joints should be sealed with Tilesafe® Jointing Compound

STEP 4
Apply tiles with a flexible cement base tile adhesive and grout

When you need to waterproof a shower or wet room area quickly and safely Impey have the answer. The Impey Tilesafe® Membrane is a cold-applied, self-adhesive, waterproof membrane which consists of a thick rubberised waterproof layer, incorporating a woven glass fibre mesh on one side.

It has been developed for use prior to the application of ceramic tiles which are applied using a flexible adhesive which keys to the mesh. As the adhesive dries it forms a strong permanent bond through the mesh and directly onto the waterproofing layer. Impey Tilesafe® can be fixed to ply, masonry, concrete or plasterboard to form a secure internal watertight structure. And because there is no curing time you can tile the same day.

It is advised that Tilesafe® be applied to the entire floor area. Tilesafe® is only suitable for tiled floors and cannot be used with vinyl flooring.

THE BENEFITS:

- Cost effective tanking solution
- Quick and easy to apply
- Simple to detail in critical areas
- Ideal for suspended timber floors
- Flexible movement in substrates
- Compatible with all quality adhesives
- Lifetime guarantee (conditions apply)

THE IMPEY TILES SAFE® KIT IS AVAILABLE IN TWO SIZES:

IOM² KIT, ORDER CODE TSI INCLUDES:

- 10m² of Tilesafe® membrane
- Tilesafe® primer
- Reinforcing tape
- Jointing compound,
- Putty

5M² KIT, ORDER CODE TS2 INCLUDES:

- 5m² of Tilesafe® membrane
- Tilesafe® primer
- Reinforcing tape
- Jointing compound
- Putty

Further information is available on request.

DEVIMAT® The simplest way to warm a bathroom floor

A tiled floor looks good, is hard wearing, hygienic and practical. Its the natural choice and an elegant solution for all bathrooms and en-suites. With the Devimat® I00 heating system under your tiles they will become warm and pleasant to walk on.

The system offers more than just warmth and comfort, its energy efficient, with running costs much lower than you may expect. The mat design also ensures a quick and simple installation.

As well as a comfortable warm floor, the heat generated from a Devimat® system will drift upwards and contribute to the room temperature. The heating effect of any existing heating system can be reduced with corresponding energy savings, but the devimat should not be relied upon as a primary source of heating.

Ordering the Devimat® I00 couldn't be simpler, simply work out the area you need to cover, excluding any floor obstructions like baths or sinks.

Then choose the closest size of mat available below your measurement.



For your new warm floor you simply need a mat and a thermostat

THE DEVIMAT® I00

The Devimat® I00 is a self-adhesive mesh with an ultra-thin heating cable pre-attached which is just 3.5mm thick. The mat design not only enables a fast installation, but as the heating cables are already spaced out on the mesh an even heat is guaranteed across the whole floor, with no cold ripples. As the mat is so thin, it can be installed within the thickness of the tile adhesive adding no appreciable height to the floor. The mat is 500mm wide and is available in various lengths.

DEVIREG 550

This controller is a combined thermostat and timer which fits into a standard 47mm single socket box. The 550 is programmed to monitor the floor temperature using a floor sensor which is supplied with the controller and Devimat® I00

SAFETY

The Devimat® heating cable meets the highest UK and European standards and is the only thin heating cable with a complete aluminium earth sheathing. The earth sheathing that surrounds the heating conductor is there for your protection and safety and is essential when installing in your bathroom or wet room.



Installaing your DEVIMAT® system



STEP 1

The free area where the floor heating is to be fitted must be measured to determine which size Devimat® is needed.



STEP 2

A groove is cut into the floor and wall approximately 10mm deep and wide for the floor sensor and tube. The tube allows for easy removal of the floor sensor if required.



STEP 3

Before laying the self adhesive mat, the existing floor should be clean and dry, primed if necessary. Once the mat has been tested, it is then rolled out and laid on the floor.



STEP 4

Upon reaching the end of a mat run, simply cut the mesh, turn the mat and lay the next piece beside the first. The red heating cable must NOT be cut.



STEP 5

Lay tile adhesive and tiles in one operation. A flexible tile adhesive and grout should always be used.

Devimat® I00 sizes available on page: 13

Cre-8 Shower Screens

Adding a luxurious new dimension to any bathroom...

- High Quality 8mm* toughened glass and fittings
- **Aqua-Shield^{Plus}** - Stay clean glass
- Contemporary frameless design
- 10 year warranty
- Only screens available to have the unique

Twin-Fit floor fitting

- EN12150 Class I
- Height adjustable foot
- Height of screens 2000mm
- Easy to clean with minimal dirt traps
- Single panel or enclosure options available



The **Cre-8** shower screens are styled to the highest specification and present the perfect choice for the contemporary bathroom. They are the only screens that have been specifically designed for use with a wet room shower incorporating the unique adjustable shower foot. The **Cre-8** screens bring the added dimension of space and luxury to any bathroom. All screens come with our **Aqua-Shield^{Plus}** Stay Clean glass as standard.

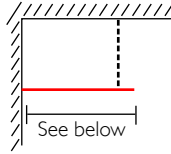
The frameless design is detailed in polished silver effect and the screens themselves are made of 8mm* toughened glass to EN12150 Class I, giving peace of mind to the user and providing them with the ultimate showering experience.

Twin-Fit Floor Fitting

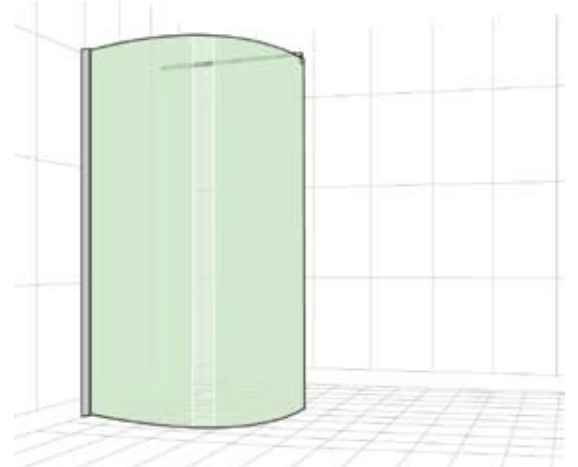
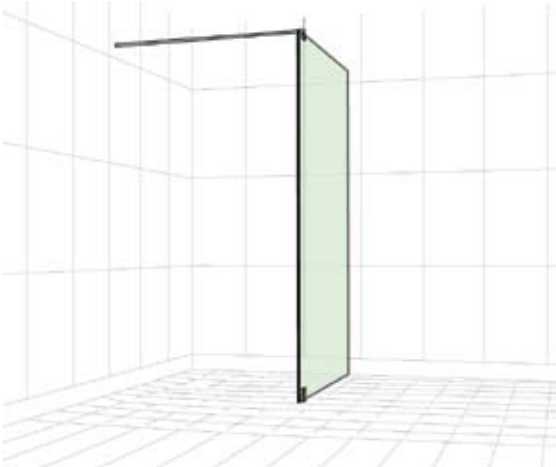
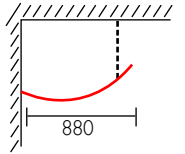
The **Cre-8** Shower screens are the only screens on the market that offer our unique **Twin-Fit** floor fitting system. The screens can be fitted to the floor tiles using our adjustable foot which has been designed to secure the screens firmly into place without having to drill all the way through the tile and waterproof membrane. Alternatively using our silicone wedges the screen can be fitted directly to the tile and siliconed providing a waterproof barrier.

Screen Options

Adjustable length tie bar - Maximum 1500mm



Adjustable length tie bar - Maximum 1500mm

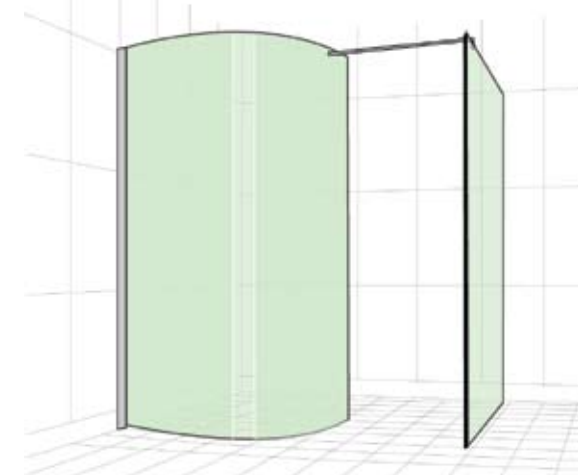
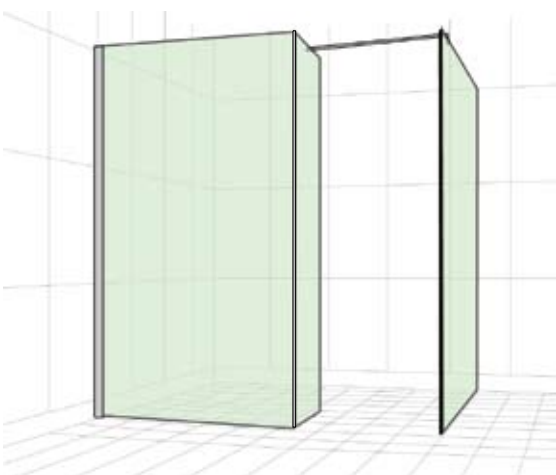
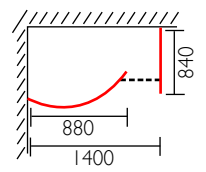
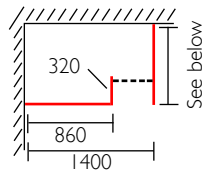


CE1

CE2

Code	Size
CE1/01	750mm
CE1/02	850mm
CE1/03	1000mm
CE1/04	1200mm

Code	Size
CE2	880mm



CE5

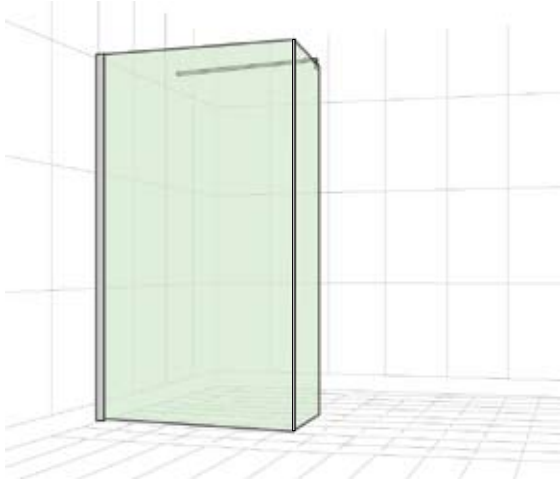
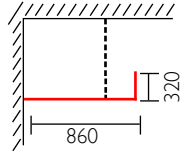
CE6

Code	Size
CE5/01	750mm
CE5/02	850mm
CE5/03	1000mm
CE5/04	1200mm

Code	Size
CE6	1400mm

* Options CE2 & CE6 are 6mm toughened glass

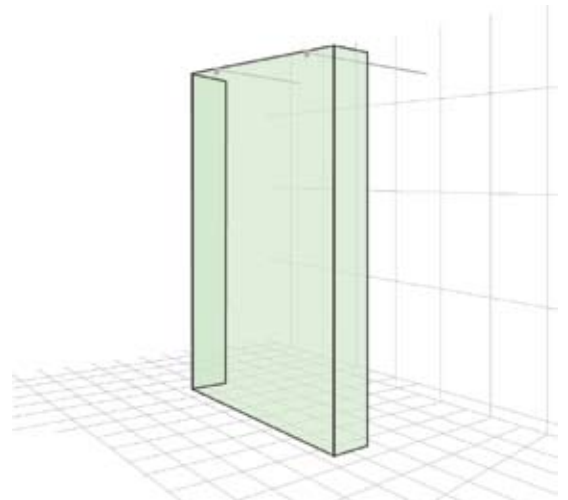
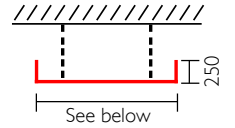
Adjustable length tie bar - Maximum 1500mm



CE3

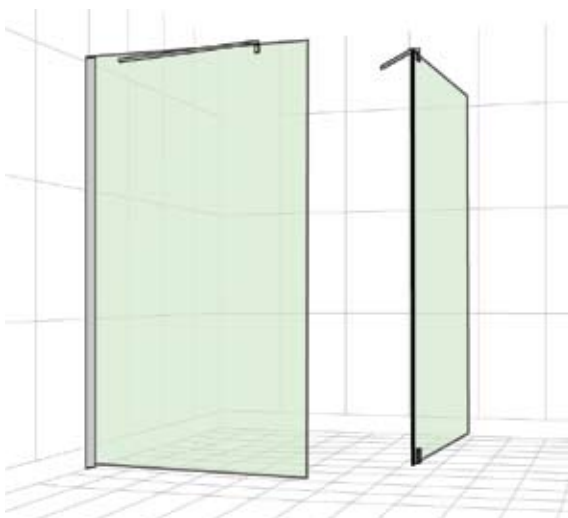
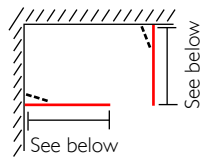
Code	Size
CE3	850mm

Adjustable length tie bar - Maximum 1500mm



CE4

Code	Size
CE4/01	1250mm
CE4/02	1650mm



CE7

10 combinations available. Glass panels are reversible

Code	Size
CE7/01	750 x 750mm
CE7/02	750 x 850mm
CE7/03	750 x 1000mm
CE7/04	750 x 1200mm
CE7/05	850 x 850mm
CE7/06	850 x 1000mm
CE7/07	850 x 1200mm
CE7/08	1000 x 1000mm
CE7/09	1000 x 1200mm
CE7/10	1200 x 1200mm

Ordering

STEP 1

AQUA-GRADE SIZE

Firstly, you need to decide on the size of your showering area and select an appropriate Aqua-Grade. See page 4-5 for full details.

STEP 2

DRAINAGE

Secondly, you will need to decide on the best drainage option for your requirements. See page 6-7 for details.

STEP 3

WATERPROOFING

Select the correct size Tilesafe® membrane for your floor. If you are using a water proof vinyl Tilesafe® is not required. See page 8 for full details.

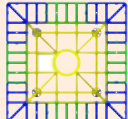
DEVIMAT®

UNDERFLOOR HEATING

For under floor heating you will need to measure the size of your bathroom area and choose the kit just below that size. See page 9 for details.

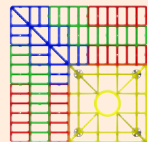
SHOWER SCREENS

If you are ordering **Cre-8** shower screens there are 7 configurations and various sizes available. See page 10-11 for details.



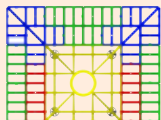
900 X 900mm

AG1



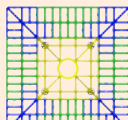
1050 X 1050mm

AG2



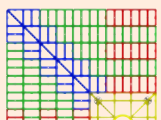
1200 X 900mm

AG3



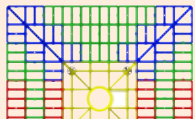
1200 X 1200mm

AG4



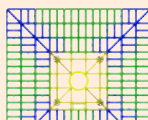
1350 X 1350mm

AG5



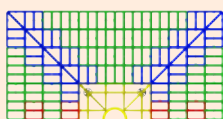
1500 X 1050mm

AG6



1500 X 1500mm

AG7



1800 X 1200mm

AG8



Supplied as standard unless otherwise specified

DSS1/H Tiled Floor Gully
Horizontal Outlet
Depth 126mm



DSS1/V Tiled Floor Gully
Vertical Outlet
Depth 215mm



For use with Dry Deck 20 Pump, see page 7

DSS2 Tiled Floor Gully
Pumped Waste
Depth 38mm



DSS3/H Vinyl Floor Gully
Horizontal Outlet
Depth 130mm



DSS3/V Vinyl Floor Gully
Vertical Outlet
Depth 180mm



For use with Dry Deck 20 Pump, see page 7

DSS4/H Vinyl Floor Gully
Pumped Waste
Depth 45mm



TS1 10m² Kit

Includes

- 10m² of Tilesafe® membrane
- Tilesafe® primer
- Reinforcing tape
- Jointing compound
- Putty



TS2 5m² Kit

Includes

- 5m² of Tilesafe® membrane
- Tilesafe® primer
- Reinforcing tape
- Jointing compound
- Putty



PRODUCT CODE	AREA TO BE WARMED M ²	HEATING LOAD WATTS
DM1.0	1.0	100
DM1.5	1.5	150
DM2.0	2.0	200
DM2.5	2.5	250
DM3.0	3.0	300
DM3.5	3.5	350
DM4.0	4.0	450
DM5.0	5.0	500
DM6.0	6.0	600
DM7.0	7.0	700
DM8.0	8.0	800
DM9.0	9.0	900
DM10.0	10.0	1000
DM12.0	12.0	1200

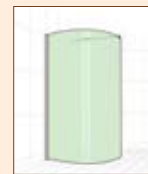
Devireg 550 Electric Thermostat/Timer

DM550W	White
DM550S	Silver

For advice on this please contact the office and our technical advice team will be pleased to help.



CE1



CE2



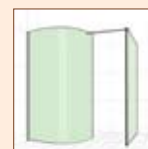
CE3



CE4



CE5



CE6



CE7

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