

A modern bathroom interior featuring a large wall of black marble with white veining. To the left is a white vanity with a chrome faucet and a dark towel hanging below it. To the right is a glass shower enclosure. The floor is made of large, light-colored square tiles. A semi-transparent grey box on the right side contains the title text.

# Product Specification Guide

# MARKET LEADING WETROOM SOLUTIONS

At CCL Wetrooms, we lead the way in the development of innovative drainage and waterproofing solutions that meet the demands of today's modern construction methods. We're proud to present our range of exciting and innovative products including:

- The shallowest drainage trap available to meet building regulations
- Solutions for timber and solid floor constructions
- Grill lengths any size from 600mm - 2000mm
- Comprehensive waterproofing solutions
- Design & specification service

# GUARANTEES

Not all guarantees are the same - at CCL Wetrooms we understand the challenges faced by all stakeholders, from the initial design and specification, right through to the installation and beyond which is why we offer our customers two levels of guarantee.



## LIFETIME PRODUCT GUARANTEE

We offer a Lifetime Guarantee across our entire range of products, including the waterproofing:

- Complete system guarantee – Drainage & waterproofing
- No split responsibility
- All components from one manufacturer



## 10 YEAR INSTALLATION GUARANTEE

For ultimate peace of mind, we offer an additional 10 Year Installation Guarantee, covering the full wetroom installation:

- 10 Year waterproofing guarantee directly from the manufacturer ‡¹
- No arguments and no split responsibility between trades
- Flood testing
- Complete peace of mind
- Fully transferable guarantee

‡¹ Full details of our installation guarantee available upon request



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**SOLID  
FLOOR**

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**TIMBER  
FLOOR**

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**WATER  
PROOFING**

# CHOOSE LAYOUT

## ONE-WAY FALL

Having a single one-way fall has some significant advantages in both the design and installation of a timber or solid floor.

The linear drain is neatly positioned up against the wall, ensuring a sleek, unobtrusive finish, whilst at the same time making it simple to create the gradient using our pre-formed floor former.

It is also simple to tile, especially when using large format tiles, with no difficult or unsightly cuts required around the drain.

### Solid Floor

- Linear Screed Drain
- Linear Screed Line
- Linear Screed-Dec
- HBL-50 Hi-Build Latex

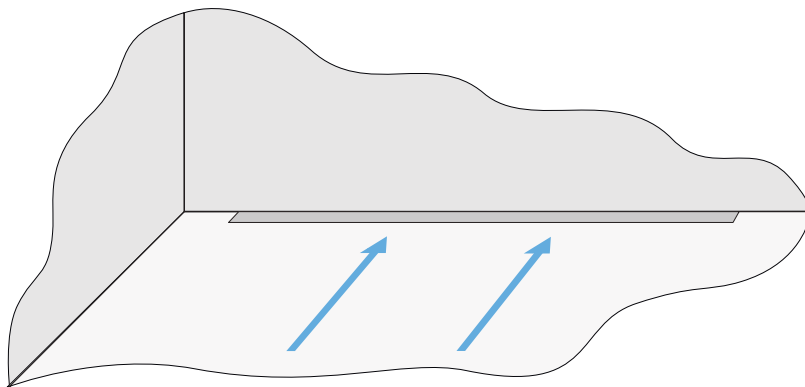
### Timber Floor

- Modular Wet-floor

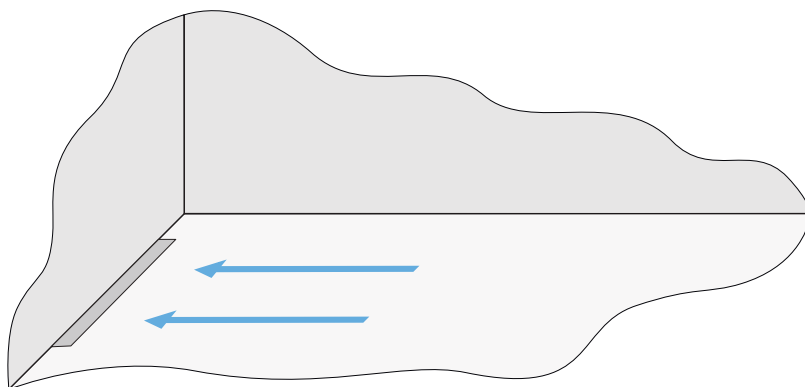
### Waterproofing

- Tilesure
- Screedsure
- FWM

Drain positioned against the long wall.



Drain positioned against the short wall.



**FAST TRACK** bespoke service available - delivered in 3-4 days.





# CHOOSE LAYOUT

## TWO-WAY FALL

With the linear drain positioned off the wall, a two-way fall design maintains a sleek look with the gradient formed in two directions, either side the drain.



## THREE-WAY FALL

With the linear drain positioned against the wall, the gradient is formed in three directions towards the drain. Suitable for larger showers exceeding 2000mm and walk-through shower areas.

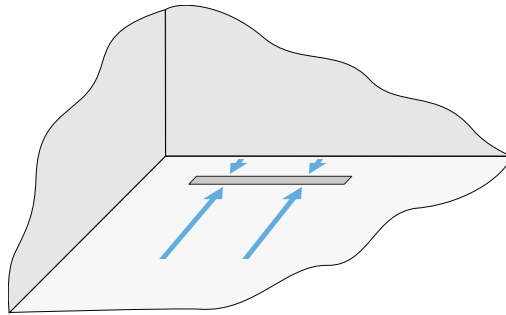


## FOUR-WAY FALL

With the single point drain positioned within the shower area, the gradient is formed in four directions towards the drain. Best suited for mosaic tiles.







**FAST TRACK** bespoke service available - delivered in 3-4 days.

#### **Solid Floor**

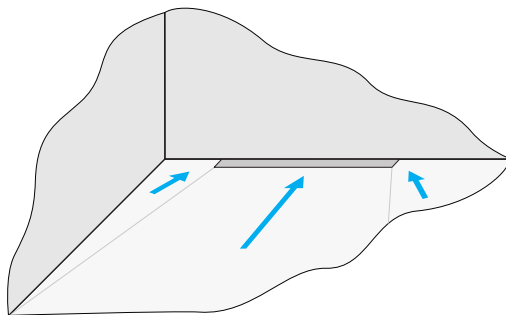
- Linear Screed Drain
- Linear Screed Line
- Linear Screed-Dec
- HBL-50 Hi-Build Latex

#### **Timber Floor**

- Modular Wet-floor

#### **Waterproofing**

- Tilesure
- Screedsure
- FWM



**FAST TRACK** bespoke service available - delivered in 3-4 days.

#### **Solid Floor**

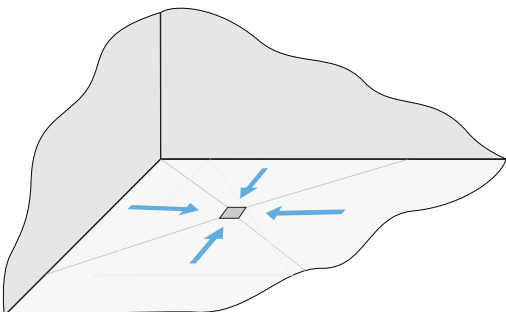
- Linear Screed Drain
- Linear Screed Line
- Linear Screed-Dec
- HBL-50 Hi-Build Latex

#### **Timber Floor**

- Modular Wet-floor

#### **Waterproofing**

- Tilesure
- Screedsure
- FWM



#### **Solid Floor**

- Solo4

#### **Waterproofing**

- Tilesure
- Screedsure
- FWM



## SECTION I - SOLID FLOOR DRAINS

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### I.2 LINEAR DRAINS

A) LINEAR SCREED DRAIN

I.2 a

B) LINEAR SCREED LINE

I.2 b

### I.3 FLOOR BUILD UP

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B) LINEAR SCREED-DEC

I.3 b

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I.4

SOLID  
FLOOR

1.2 a

LINEAR SCREED DRAIN



# Linear Screed Drain

By combining innovative design with the latest technology, our Linear Screed Drain offers designers the freedom to position a linear drain almost anywhere within the shower.

Utilising our unique **O-SEAL** trap we have achieved the shallowest possible drain, coupled with an almost infinite choice of grill length, height and finish, to meet the requirements of any project.

In addition we offer a simple floor build-up option, along with a range of waterproofing products, to provide a complete wetroom solution, all backed up by our Lifetime Guarantee.

**1.2 a**



# INTRODUCTION

SOLID  
FLOOR

MINIMUM HEIGHT:  
STANDARD  
BRACKETS: 55mm  
EXTRA SHALLOW  
BRACKETS: 38mm



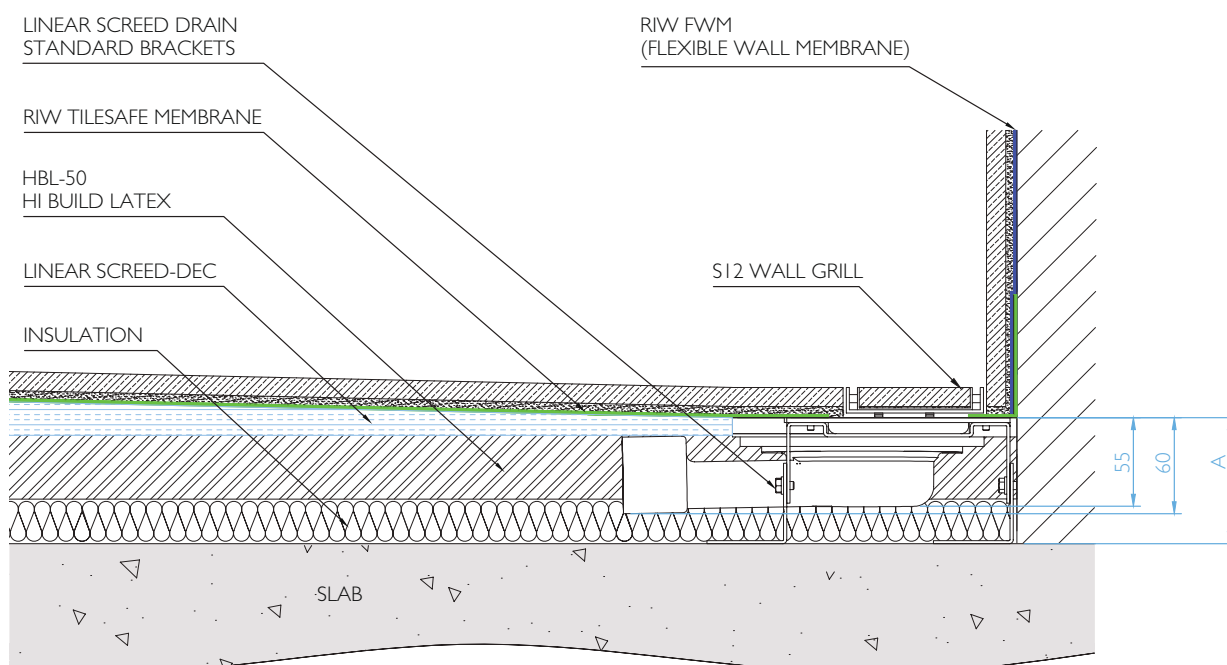
## KEY FEATURES

The Linear Screed Drain has been developed specifically for concrete or screeded floors for use on concrete slabs, planks and block and beam floors.

The key feature of the Linear Screed Drain is its height, the total height from the base to the top of the trough being only 55mm, making it perfect for today's modern construction methods.

The drain incorporates our unique **IO-SEAL** waterless trap technology which has been granted BBA approval and is supported with a lifetime guarantee.

Available with one, two or three traps and a choice of stylish grill finishes, the Linear Screed Drain will suit any application.



**DIMENSION A** : MIN. 55mm MAX. 88mm (Extension brackets available) drawn as 79mm.

LINEAR SCREED DRAIN



## KEY FEATURES

- Minimum height 55mm with Standard Brackets
- Minimum height 38mm with Extra Shallow Brackets <sup>‡1</sup>
- BBA Approved
- Lifetime Guarantee
- **O-SEAL** Waterless Trap
- 360° Rotatable outlet
- Centre, left and right handed trap position
- Flow rate up to 70 L/min <sup>‡2</sup>
- Height adjustable brackets
- Height adjustable grill
- Grill lengths up to 2000mm
- **FAST TRACK** Bespoke service - delivered in 3-4 days

<sup>‡1</sup> Requires drain outlet to be recessed into the slab, refer to drawings on pages 18 & 19.

<sup>‡2</sup> See page 8 for full details.

# HOW TO BUILD YOUR DRAIN

There are two components required to specify a Linear Screed Drain - the drain body and the grill.  
To specify the drain body, select the required number of traps along with the bracket type.  
Then simply choose the grill, selecting the desired type, length and finish.

## DRAIN BODY



### Number of traps

- Single Trap - flow rate up to 29 L/min
- Double Trap - flow rate up to 56 L/min
- Triple Trap - flow rate up to 70 L/min

See page 8 for full details

### Bracket type

- Standard Height - adjustment 55mm-88mm
- Extra Shallow Height - adjustment 38mm-57mm<sup>‡</sup>

<sup>‡</sup> Extension brackets are available for floor depths above 88mm.  
See page 9 for full details

## GRILL



### Grill type - Wall or Floor

- Floor Grill - for installation off the wall
- Wall Grill - positioned neatly up against the wall

See page 10 for full details

### Grill length

- 15 Standard lengths
- Bespoke lengths from 600mm - 2000mm
- **FAST TRACK** Bespoke service - delivered in 3-4 days

See page 11 for full details

### Grill finish

- 5 Stylish grill finishes

See page 13 for full details

I.2 a

# NUMBER OF TRAPS

The unique **IO-SEAL** waterless trap has been specially designed with a spring-loaded mechanism which keeps the trap sealed when not in use.

This ensures that even when left unused for prolonged periods the trap cannot dry out, making it ideal for situations where the shower is not in everyday use.

The smart design of the linear trough allows the waste position to be rotated through 360° enabling installation in most scenarios with ease.

- Easy to clean and replace trap
- Trap remains closed when not in use
- No siphoning of the trap due to other appliances
- No chance of smells or gases entering the room
- BBA approved
- Lifetime guarantee

## **IO-SEAL** Trap



29 L / min

### Single Trap

- Flow rate up to 29 L/min <sup>‡1</sup>
- Centre trap position (shown)
- Left and right handed option also available
- Outlet position rotates through 360°



56 L / min

### Double Trap

- Flow rate up to 56 L/min <sup>‡1</sup>
- For medium-high performance showers
- Outlet position rotates through 360°



70 L / min

### Triple Trap

- Flow rate up to 70 L/min <sup>‡1</sup>
- For high performance showers
- Outlet position rotates through 360°

<sup>‡1</sup> Flow rates indicated are a guide only, based upon 42mm waste pipe and swept bends.  
See pages 16 & 17 for product codes.

# BRACKET TYPE

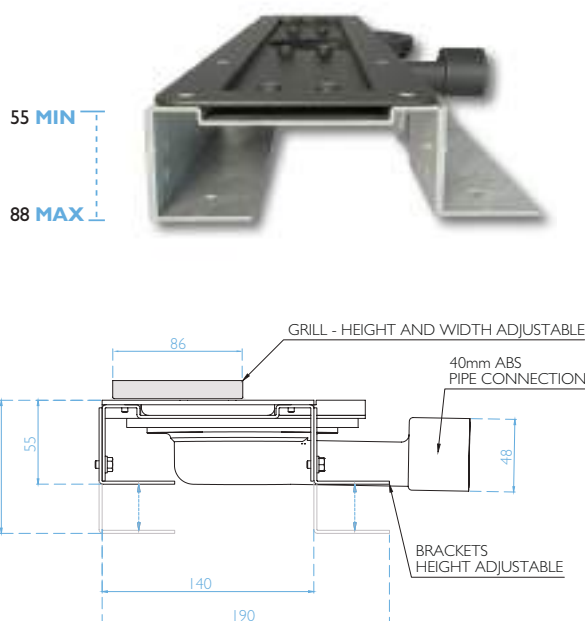
The standard bracket allows the drain to be set as low as 55mm, with height adjustment up to 88mm.

Extension brackets are available for floor depths above 88mm - see below for details.

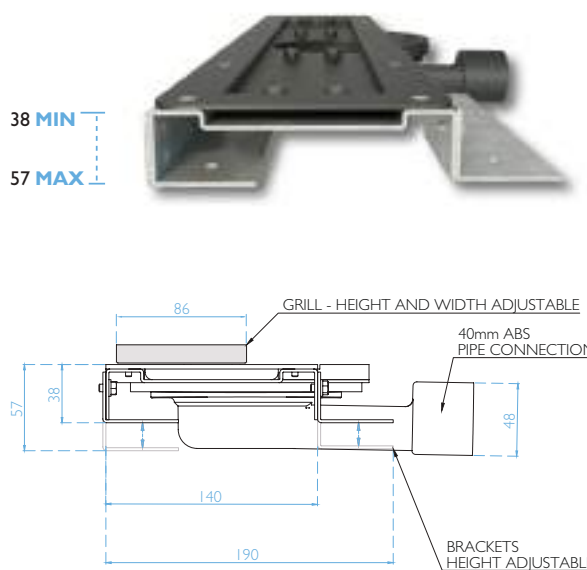
The extra shallow bracket allows the drain to be set as low as 38mm, with height adjustment up to 57mm.

This requires the drain outlet to be recessed into the slab - for details see drawing on pages 18 & 19.

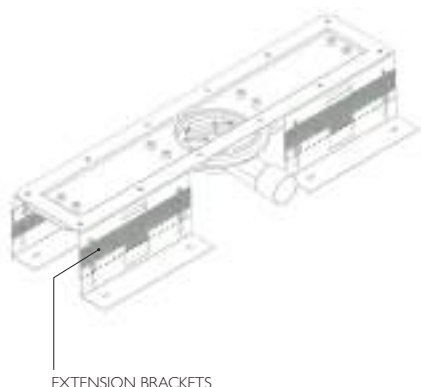
## STANDARD BRACKET



## EXTRA SHALLOW BRACKET



## HEIGHT EXTENSION BRACKET



Use extension brackets where the required height of the drain body exceeds 88mm.

Each bracket will increase the height by 30mm, multiple brackets can be used if necessary.

See pages 16 & 17 for product codes.

# GRILL TYPE - WALL OR FLOOR

There are two types of grill available with the Linear Screed Drain, both fit onto the drain body using 8 pre-set fixing points.

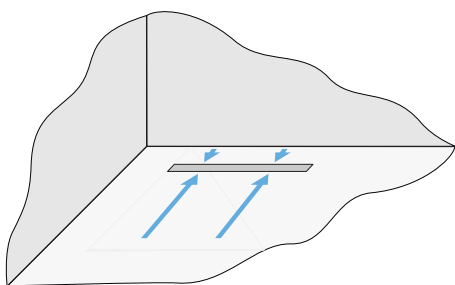
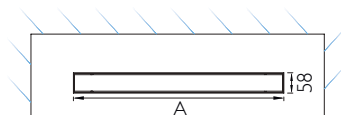
Both the Floor Grill and Wall Grill are independently height adjustable, enabling the grill to be positioned precisely to suit the tile thickness being used.

The final position of the Wall Grill is also independently width adjustable by up to 38mm, allowing the grill to be neatly positioned up against the wall tile, after the drain body has been installed, for a perfect finish every time.

All grills are manufactured in 316 grade stainless steel ensuring a stunning high quality durable finish.

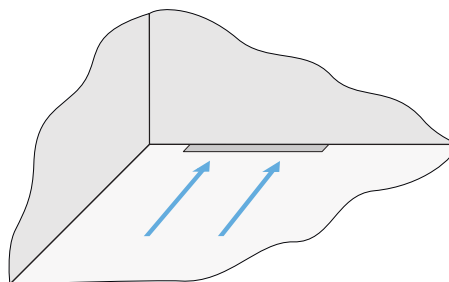
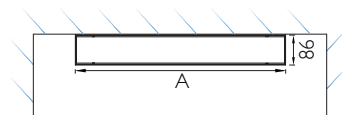
## FLOOR GRILL

The centre point of the Floor Grill is typically positioned 150mm from the wall, to create a two-way fall within the shower: **Grill width 58mm.**



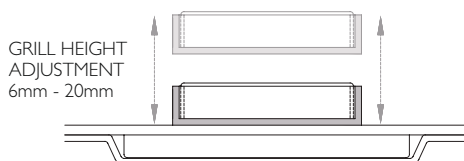
## WALL GRILL

The Wall Grill is positioned neatly up against the wall, to create a one-way fall within the shower: **Grill width 86mm.**



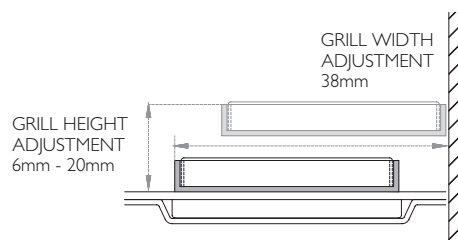
## HEIGHT ADJUSTMENT

The Floor Grill is independently height adjustable in 1mm increments to suit different tile thicknesses.



See pages 16 & 17 for product codes.

The Wall Grill is independently height adjustable in 1mm increments to suit different tile thicknesses. The final position of the Wall Grill is also independently width adjustable by up to 38mm.



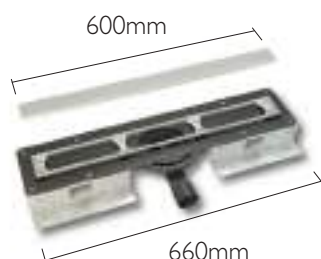
# GRILL LENGTH

All grill finishes are offered in 15 standard lengths ranging from 600mm to 2000mm, with the majority available from stock on a next day delivery service.<sup>‡1</sup>

Where a standard grill length is not suitable we offer a **FAST TRACK** bespoke design service, manufactured and delivered in as little as 3-4 days. See below for further details.

The drain body is always installed first, prior to the application of the waterproofing membrane, with the grill installed at the point of tiling.

Regardless of the length of grill, the drain body always remains the same at 660mm. Where the grill length exceeds 660mm the ends of the grill overhang the drain body and are supported with tile adhesive - see image below.



The following standard grill lengths are available:

- |          |          |          |          |          |
|----------|----------|----------|----------|----------|
| • 600mm  | • 700mm  | • 800mm  | • 900mm  | • 1000mm |
| • 1100mm | • 1200mm | • 1300mm | • 1400mm | • 1500mm |
| • 1600mm | • 1700mm | • 1800mm | • 1900mm | • 2000mm |

<sup>‡1</sup> Excludes grill types B & C greater than 1500mm.

For grill types S & F greater than 1500mm; the insert is supplied in two equal sections.

Offset grill position available as a bespoke - see below for details.

## FAST TRACK BESPOKE

Where a standard grill length is not sufficient to meet the requirements of a project, such as when designing the drain to fit exactly between two walls, a bespoke length may be required.

We understand the exact grill length required may not be known until the shower has been tiled, therefore to meet such requirements we offer a unique **FAST TRACK** production service, where we can manufacture and deliver a bespoke length grill in 3-4 days.

We can achieve this due to the unique design of our drain, with the drain body supplied separately, and the grill to follow.

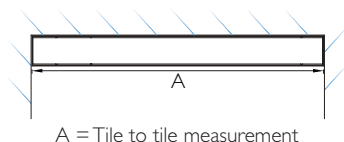
- Any length grill between 600mm-2000mm
- Manufactured and delivered in 3-4 days.
- Grill types A, S8, S12, S20 & F
- No drawing required <sup>‡2</sup>

<sup>‡2</sup> Subject to drain body being installed centrally within the shower area.

## BESPOKE GRILL DESIGN

We also offer a bespoke design service where we can manufacture a grill to a specific width or height, or to a completely unique design, usually within 2-3 weeks. Please contact our technical team for further information.

### Wall to wall grill



A = Tile to tile measurement

Where a wall to wall grill finish is required it is recommended to take a measurement on-site from the face of the wall tiles, therefore ensuring there are no gaps either side of the grill. The grill is manufactured and delivered in 3-4 days using our **FAST TRACK** grill service.

See pages 16 & 17 for product codes.

## 1.2 a

SOLID  
FLOOR

1.2 a

LINEAR SCREED DRAIN

## FRAMELESS GRILL

With only a shadow gap visible around the perimeter of the drain, the stunning Frameless Grill ensures water drains effortlessly away, providing a sleek, contemporary finish to any room.

Frameless design complements all brassware finishes.



# GRILL FINISH

Ultimately the grill finish is the only visible element of our wetroom system and as such, is often the defining factor of the overall design.

From the contemporary Stone-Infill or ultra-stylish Frameless, to the simplicity of the Brushed stainless steel, we have a grill finish to complement any design style.

We manufacture all of our grills using only 316 marine grade stainless steel, ensuring a stunning high quality durable finish, complete with our Lifetime Guarantee.

The grill insert is easily removed for cleaning and maintenance, using the key provided with the grill.



## BRUSHED STAINLESS STEEL

- Choice of designs in a metallic finish.

### Type A - Solid

With a 5mm gap around the grill for a sleek stylish finish.

Type A



### Type B - Slotted

Holes with a brushed stainless steel finish.

Type B



### Type C - Square

Designed with a brushed stainless steel finish.

Type C



## STONE-INFILL

- Allows a section of matching stone or tile to be inserted.



### Type S8 - Stone-Infill <sup>‡1</sup>

*Suits 6-8mm stone thickness.*

Type S8



### Type S12 - Stone-Infill <sup>‡1</sup>

*Suits 10-12mm stone thickness.*

Type S12



### Type S20 - Stone-Infill <sup>‡1</sup>

*Suits 18-20mm stone thickness.*

Type S20



## FRAMELESS

- Ensures a stunning almost invisible finish, using a section of matching stone or tile. Frameless design complements all brassware finishes.

### Type F - Frameless Grill <sup>‡1</sup>

*Suits any stone thickness.*

Type F



Stock lengths 600mm - 2000mm. Bespoke lengths manufactured and delivered in as little as 3-4 days.

All grill finishes are kept in stock, see page 11-12 for available lengths and details of our bespoke manufacturing service.

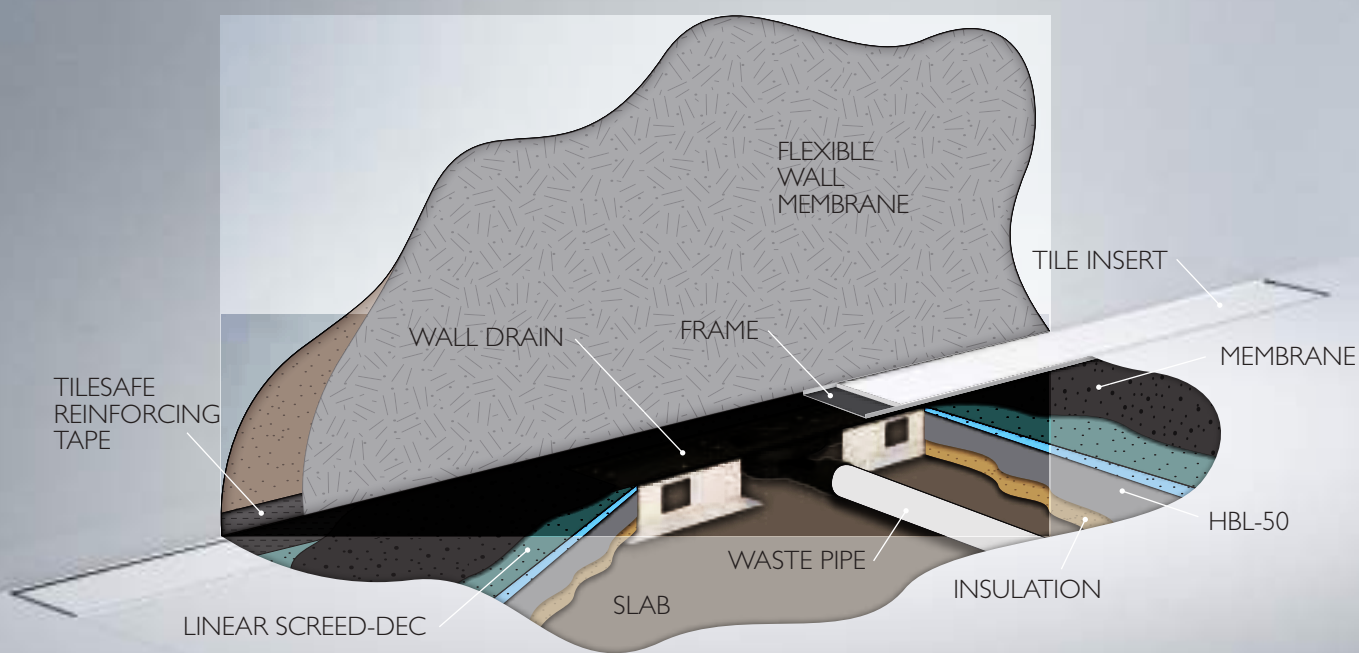
See pages 16 & 17 for product codes.

<sup>‡1</sup> For grill types S & F greater than 1500mm, the insert is supplied in two equal sections. Suitable for stone and porcelain tiles only.

1.2 a

LINEAR SCREED DRAIN

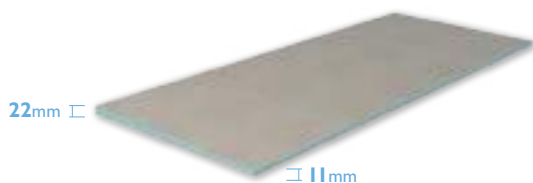
WETROOM COMPONENTS



# FLOOR BUILD-UP & WATERPROOFING

SOLID  
FLOOR

## LINEAR SCREED-DEC



The Linear Screed-Dec is a pre-formed tapered board which removes the uncertainty of forming a fall within the screed in the shower area by hand.

Each board has a pre-engineered one-way fall, providing a guaranteed consistent gradient every time - see section 1.3 for full details.

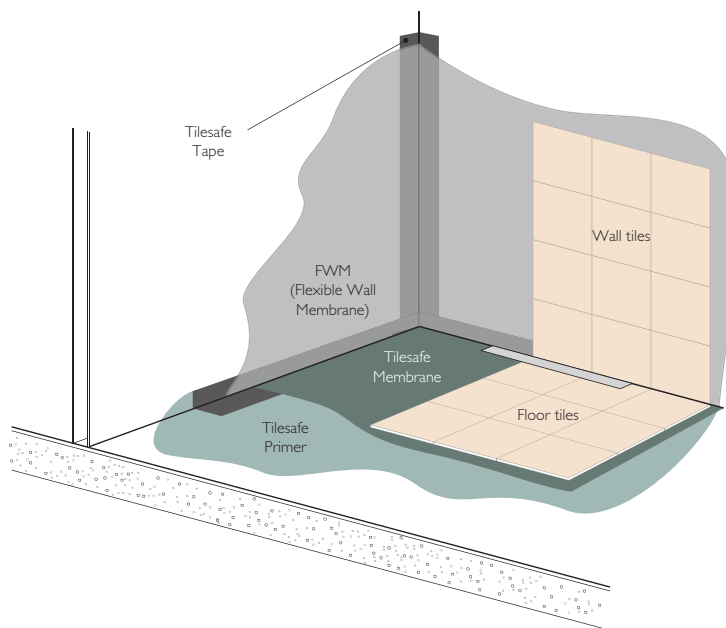
## HBL-50



HBL-50 is a hi-build wetrooms levelling compound specifically designed to provide a sound and stable base for the Linear Screed-Dec, while at the same time allowing for any on-site tolerances - see section 1.3 for full details.

1.2 a

## WATERPROOFING



Waterproofing is one of the key elements of any wetroom, ensuring the room remains watertight at all times.

To ensure your entire project is fully covered by our Lifetime Guarantee we have developed a range of unique waterproofing solutions. These are specifically designed and guaranteed to work with our Linear Screed Drain, to provide a complete solution and total peace of mind.







- Floor and wall membrane
- De-coupling properties
- Acoustic properties
- Quick and easy to apply
- Lifetime Guarantee

See Section 3 for full details.

# PRODUCT CODES - DRAIN BODY









## DRAIN BODY WITH STANDARD BRACKETS






TYPE	DRAIN & FLOW RATE	TRAPS	CODE
 55 <b>MIN</b> 88 <b>MAX</b>	 29 L / min	I: Centre	LSD-1C/ST
	 29 L / min	I: Right	LSD-1R/ST
	 29 L / min	I: Left	LSD-1L/ST
	 56 L / min	2	LSD-2/ST
	 70 L / min	3	LSD-3/ST

Extension brackets available to increase maximum height. Please see below.

## DRAIN BODY WITH EXTRA SHALLOW BRACKETS

TYPE	DRAIN & FLOW RATE	TRAPS	CODE
 38 <b>MIN</b> 57 <b>MAX</b>	 29 L / min	I: Centre	LSD-1C/ES
	 29 L / min	I: Right	LSD-1R/ES
	 29 L / min	I: Left	LSD-1L/ES
	 56 L / min	2	LSD-2/ES
	 70 L / min	3	LSD-3/ES

## HEIGHT EXTENSION BRACKETS

TYPE	BRACKET TYPE	SUITABLE FOR	CODE
		Single Trap Centre (LSD-1C/ST)	LSD-1C/EXT
		Single Trap Handed (LSD-1R/ST or LSD-1L/ST)	LSD-1H/EXT
		Double Trap (LSD-2/ST)	LSD-2/EXT
		Triple Trap (LSD-3/ST)	LSD-3/EXT

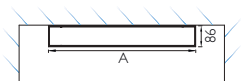
Use extension brackets to increase the height of the standard drain above 88mm. Each bracket will increase the height by 30mm, multiple brackets can be used if necessary.

# PRODUCT CODES - GRILL



SOLID  
FLOOR

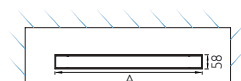
## WALL GRILL



LENGTH	CODE	GRILL FINISH
600mm	SWG-600/-	Add code for Grill Finish:
700mm	SWG-700/-	
800mm	SWG-800/-	Stone-Infill options: S8 = Suits 6-8mm tile thickness S12 = Suits 10-12mm tile thickness S20 = Suits 18-20mm tile thickness F = Suits any tile thickness
900mm	SWG-900/-	
1000mm	SWG-1000/-	
1100mm	SWG-1100/-	
1200mm	SWG-1200/-	
1300mm	SWG-1300/-	Brushed stainless steel options: A = Solid B = Slotted C = Square
1400mm	SWG-1400/-	
1500mm	SWG-1500/-	
1600mm <sup>‡1,2</sup>	SWG-1600/-	
1700mm <sup>‡1,2</sup>	SWG-1700/-	
1800mm <sup>‡1,2</sup>	SWG-1800/-	See p13 for full details.  Example:  Grill Type - Grill Length / Grill Finish SWG - 1100 / S20
1900mm <sup>‡1,2</sup>	SWG-1900/-	
2000mm <sup>‡1,2</sup>	SWG-2000/-	
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	SWG-FT/-	
Bespoke <sup>‡1,2</sup>	SWG-BES/-	

1.2 a

## FLOOR GRILL



LENGTH	CODE	GRILL FINISH
600mm	SFG-600/-	Add code for Grill Finish:
700mm	SFG-700/-	
800mm	SFG-800/-	Stone-Infill options: S8 = Suits 6-8mm tile thickness S12 = Suits 10-12mm tile thickness S20 = Suits 18-20mm tile thickness F = Suits any tile thickness
900mm	SFG-900/-	
1000mm	SFG-1000/-	
1100mm	SFG-1100/-	
1200mm	SFG-1200/-	
1300mm	SFG-1300/-	Brushed stainless steel options: A = Solid B = Slotted C = Square
1400mm	SFG-1400/-	
1500mm	SFG-1500/-	
1600mm <sup>‡1,2</sup>	SFG-1600/-	
1700mm <sup>‡1,2</sup>	SFG-1700/-	
1800mm <sup>‡1,2</sup>	SFG-1800/-	See p13 for full details.  Example:  Grill Type - Grill Length / Grill Finish SFG - 1100 / S20
1900mm <sup>‡1,2</sup>	SFG-1900/-	
2000mm <sup>‡1,2</sup>	SFG-2000/-	
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	SFG-FT/-	
Bespoke <sup>‡1,2</sup>	SFG-BES/-	

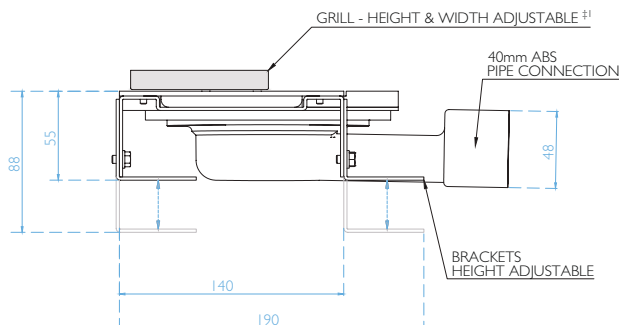
<sup>‡1</sup> For grill types B & C: 2-3 week lead-time.

<sup>‡2</sup> For grill types S & F greater than 1500mm, the insert is supplied in two equal sections.

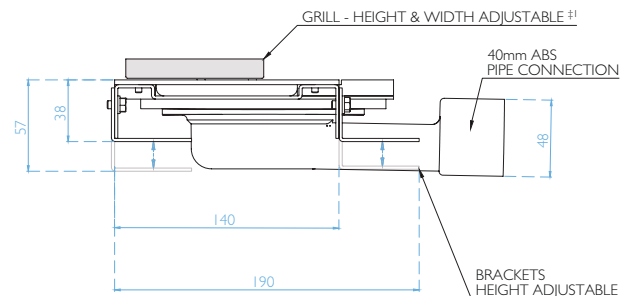
<sup>‡3</sup> Fast track service: Manufactured and delivered in 3-4 days, maximum length 2000mm.

# TYPICAL DETAIL WITH WALL GRILL

## STANDARD BRACKETS

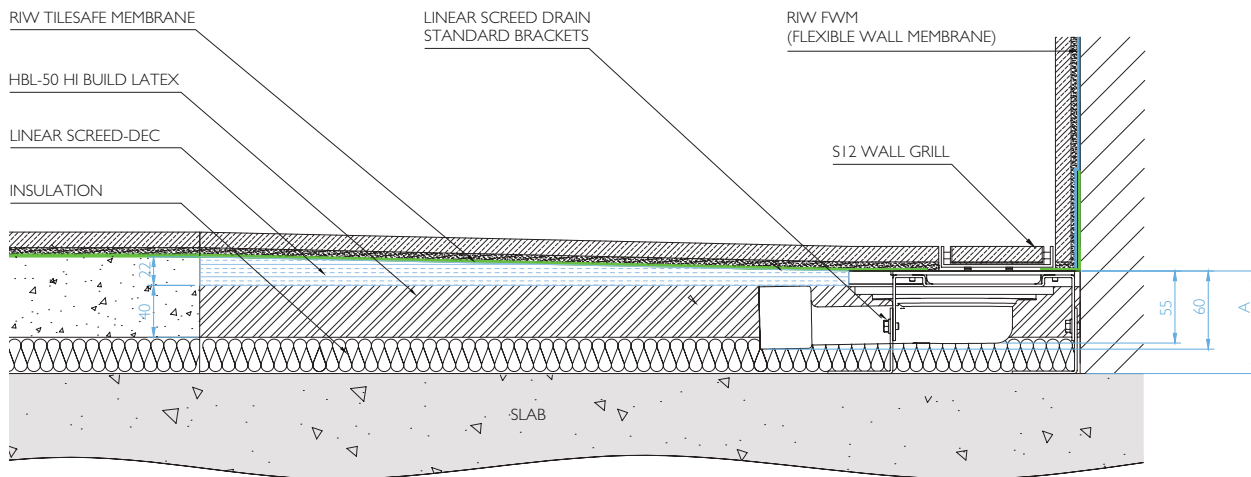


## EXTRA SHALLOW BRACKETS



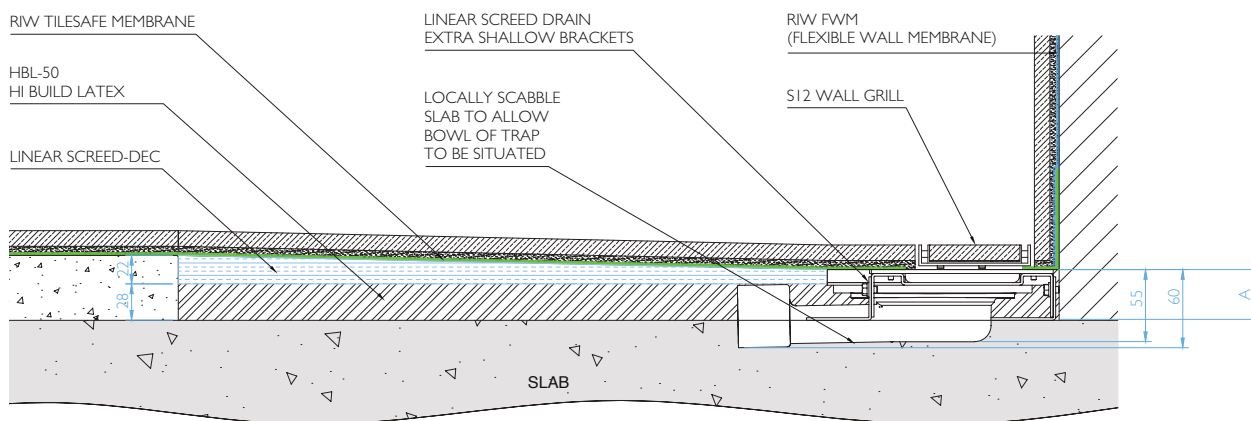
‡¹ See page 10 for details.

## WALL GRILL WITH STANDARD BRACKETS



DIMENSION A : MIN. 55mm MAX. 88mm (Extension brackets available) drawn as 79mm.

## WALL GRILL WITH EXTRA SHALLOW BRACKETS

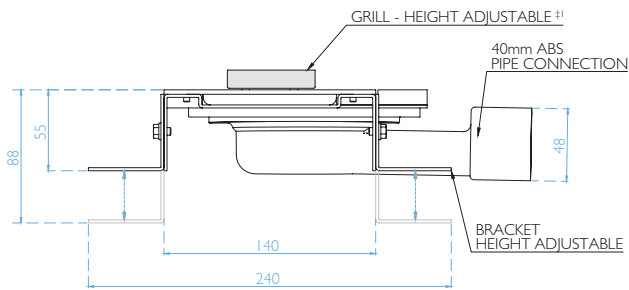


DIMENSION A : MIN. 38mm MAX. 57mm (Extension brackets available) drawn as 39mm.

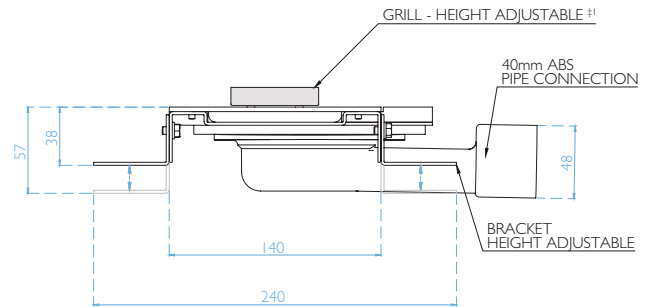
# TYPICAL DETAIL WITH FLOOR GRILL

SOLID  
FLOOR

## STANDARD BRACKETS



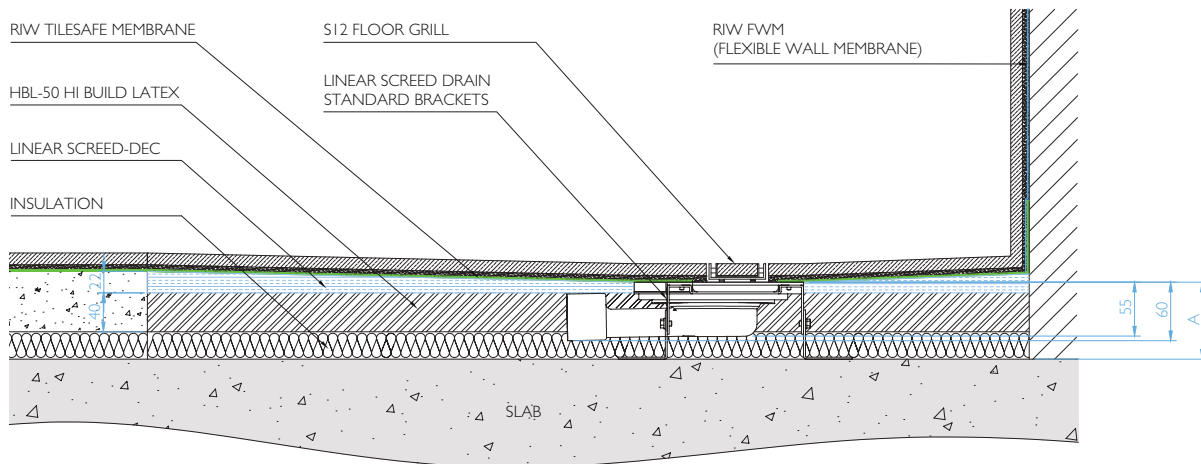
## EXTRA SHALLOW BRACKETS



±1 See page 10 for details.

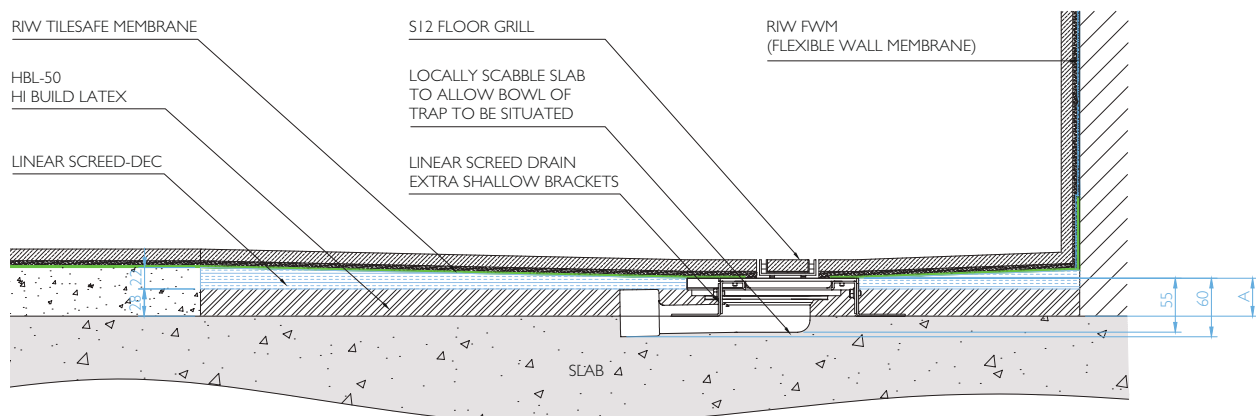
1.2 a

## FLOOR GRILL WITH STANDARD BRACKETS



DIMENSION A : MIN. 55mm MAX. 88mm (Extension brackets available) drawn as 79mm.

## FLOOR GRILL WITH EXTRA SHALLOW BRACKETS



DIMENSION A : MIN. 38mm MAX. 57mm (Extension brackets available) drawn as 39mm.



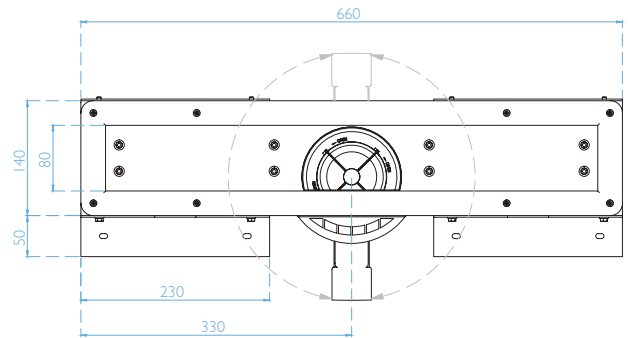
# TYPICAL DETAIL WITH WALL GRILL

- Use to create a **one-way fall**
- Minimum height 55mm with Standard Brackets
- Minimum height 38mm with Extra Shallow Brackets<sup>‡1</sup>
- **IO-SEAL** waterless trap
- 360° Rotatable waste outlet
- Centre, left and right handed waste position
- Flow rate up to 70 L/min<sup>‡2</sup>
- Height adjustable brackets
- Grill lengths up to 2000mm

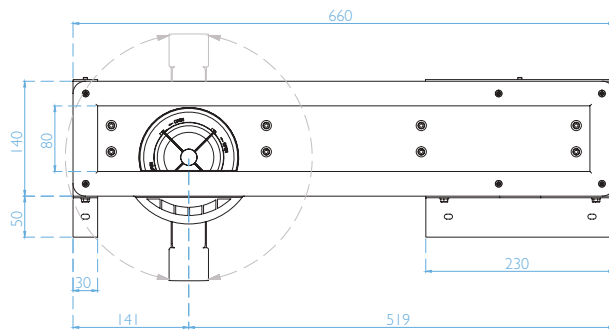
<sup>‡1</sup> Requires drain outlet to be recessed into the slab, refer to drawing on pages 18 & 19.

<sup>‡2</sup> See page 8 for full details.

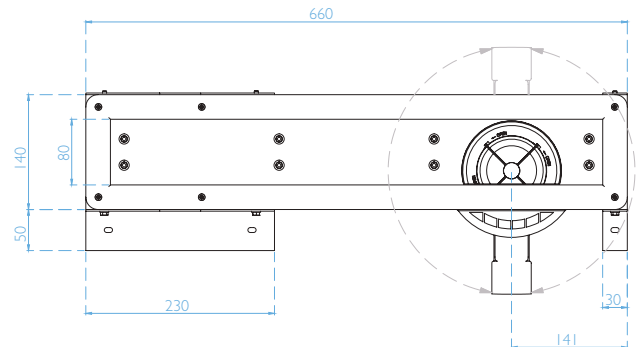
CENTRAL TRAP



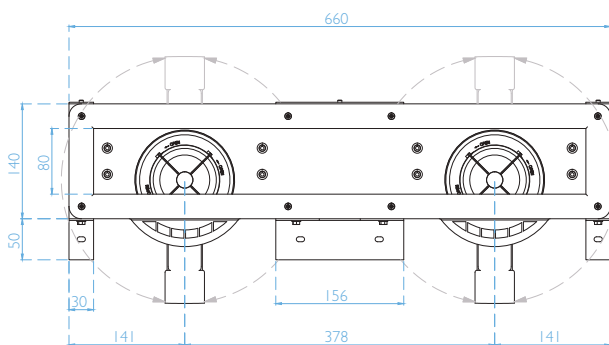
LEFT HAND TRAP



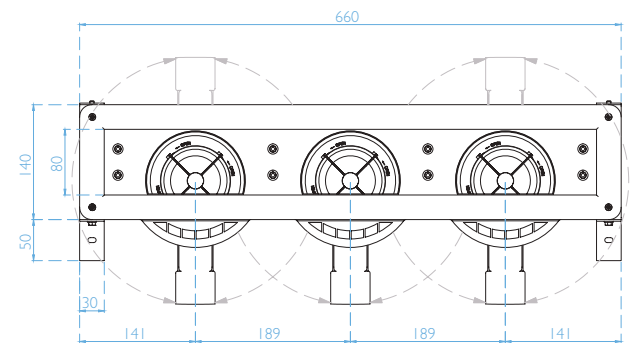
RIGHT HAND TRAP



DOUBLE TRAP



TRIPLE TRAP



# TYPICAL DETAIL WITH FLOOR GRILL

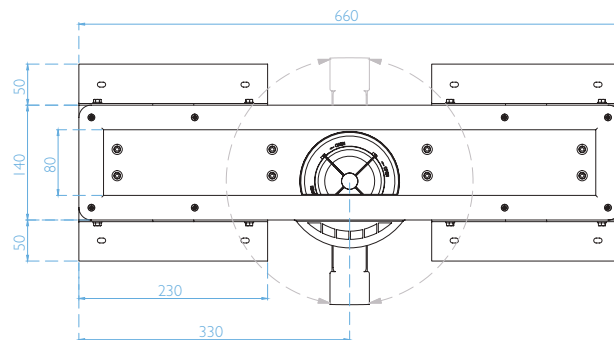
SOLID  
FLOOR

- Use to create a **two-way fall**
- Minimum height 55mm with Standard Brackets
- Minimum height 38mm with Extra Shallow Brackets <sup>‡1</sup>
- **Q-SEAL** waterless trap
- 360° Rotatable waste outlet
- Centre, left and right handed waste position
- Flow rate up to 70 L/min <sup>‡2</sup>
- Height adjustable brackets
- Grill lengths up to 2000mm

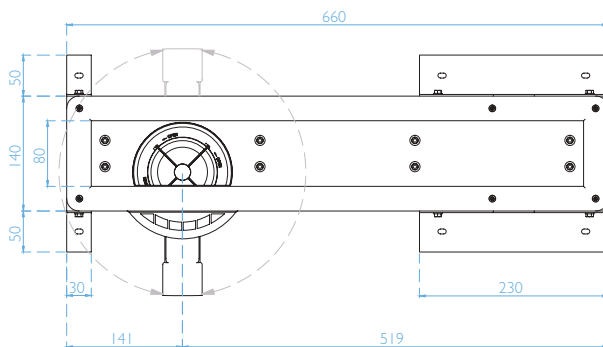
<sup>‡1</sup> Requires drain outlet to be recessed into the slab, refer to drawing on pages 18 & 19.

<sup>‡2</sup> See page 8 for full details.

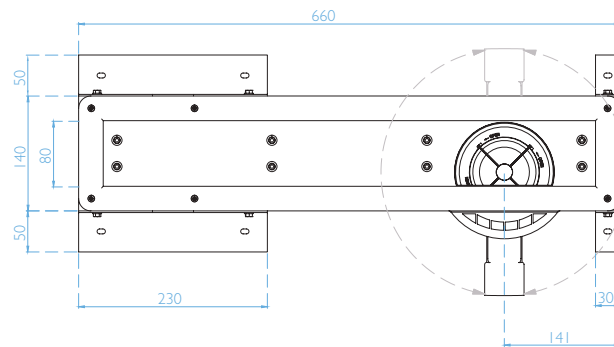
## CENTRAL TRAP



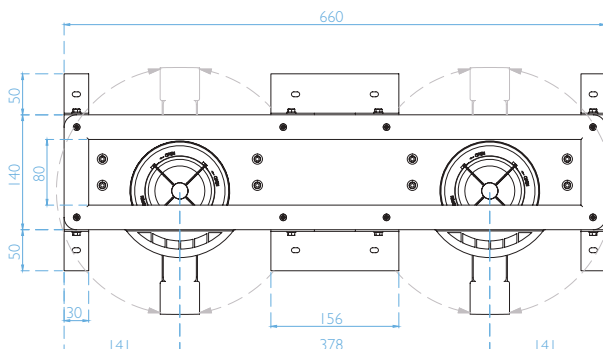
## LEFT HAND TRAP



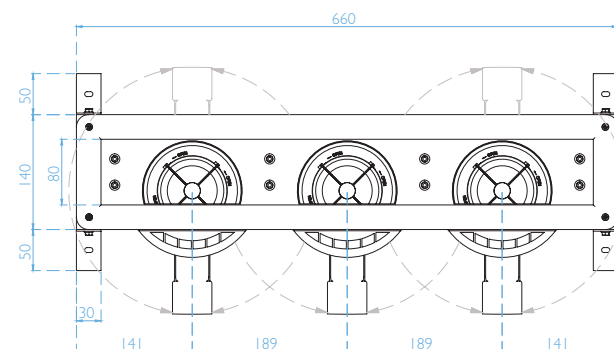
## RIGHT HAND TRAP



## DOUBLE TRAP



## TRIPLE TRAP



1.2 a

LINEAR SCREED DRAIN



## SECTION I - SOLID FLOOR DRAINS

---

### I.2 LINEAR DRAINS

A) LINEAR SCREED DRAIN

I.2 a

B) LINEAR SCREED LINE

I.2 b

### I.3 FLOOR BUILD UP

A) HI-BUILD LATEX

I.3 a

B) LINEAR SCREED-DEC

I.3 b

### I.4 SOLO 4

I.4

SOLID  
FLOOR

I.2 b

LINEAR SCREED LINE



# Linear Screed Line

Linear Screed Line is a versatile linear drain available in a choice of grill finishes, utilising up to three of our TR-50, 50mm waterseal traps for a maximum flow rate of 68 litres per minute.

With the option of horizontal or vertical outlets, the drain is easily configured to suit almost any solid floor construction, with grill lengths available up to 2000mm.

In addition we also offer a simple floor build-up option, along with a range of waterproofing products to provide a complete wetroom solution, all backed up by our [Lifetime Guarantee](#).

I.2 b







# INTRODUCTION

SOLID  
FLOOR

MINIMUM HEIGHT:

STANDARD  
BRACKETS: 138mm

EXTRA SHALLOW  
BRACKETS: 38mm



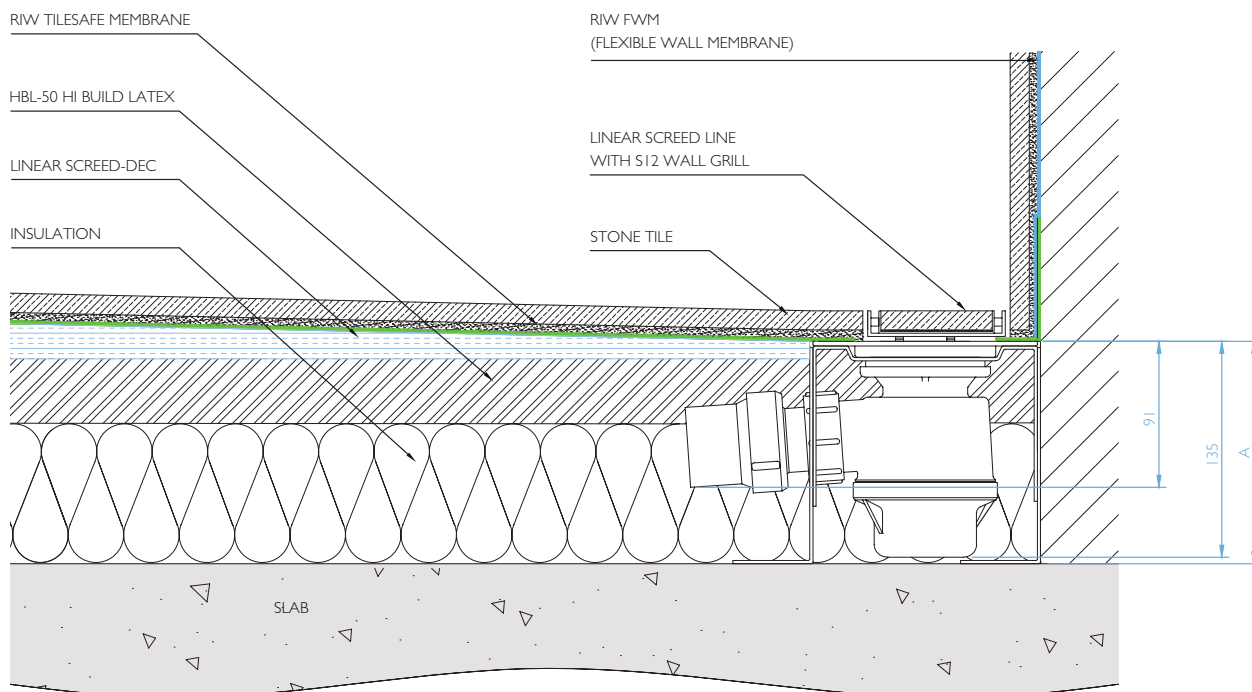
## KEY FEATURES

The Linear Screed Line has been designed for concrete or screeded floors for use on concrete slabs, planks and block and beam floors.

Versatility is its key feature, being available with one, two or three traps and a choice of horizontal and vertical outlets.

The drain incorporates our TR-50 trap which has a 50mm waterseal and is supported by a lifetime guarantee.

Available with a choice of stylish grill finishes, the Linear Screed Line will suit almost any application.



**DIMENSION A** : MIN. 138mm MAX. 218mm (Extension brackets available) drawn as 139mm.

LINEAR SCREED LINE

## KEY FEATURES

- Horizontal or Vertical Outlet
- 50mm Waterseal trap EN274-1:2002.
- Flow rate up to 68 L/min <sup>‡</sup><sup>1</sup>
- Lifetime Guarantee
- 360° Rotatable outlet
- Centre, left and right handed trap position
- Height adjustable brackets & grill
- Grill lengths up to 2000mm
- **FAST TRACK** Bespoke service:  
Delivered in 3-4 days

<sup>‡</sup><sup>1</sup> See page 8 for full details.

# HOW TO BUILD YOUR DRAIN

There are two components required to specify a Linear Screed Line - the drain body and the grill.  
To specify the drain body, select the required number of traps along with the bracket type.  
Then simply choose the grill, selecting the desired type, length and finish.

## DRAIN BODY



### Number of traps

- Single Trap - flow rate up to 24 L/min
- Double Trap - flow rate up to 41 L/min
- Triple Trap - flow rate up to 68 L/min

See page 8 for full details

### Type of trap

- Horizontal Outlet
- Vertical Outlet

See page 9 for full details

### Bracket type

- Standard Height - adjustment 138mm-218mm
- Extra Shallow Height - adjustment 38mm-57mm

See page 9 for full details

## GRILL



### Grill type - Wall or Floor

- Floor Grill - for installation off the wall
- Wall Grill - positioned neatly up against the wall

See page 10 for full details

### Grill length

- 15 Standard lengths
- Bespoke lengths from 600mm - 2000mm
- **FAST TRACK** Bespoke service - delivered in 3-4 days

See page 11 for full details

### Grill finish

- 5 Stylish grill finishes

See page 13 for full details

I.2 b

# NUMBER OF TRAPS

The Linear Screed Line has a 50mm waterseal top access trap designed specifically for wetroom installations, manufactured to EN274-1:2002.

The smart design of the linear trough allows the trap position to be positioned on-site, in a central, left or right hand position and can be rotated through 360° enabling installation in most scenarios with ease.

- 50mm Waterseal
- 360° Rotatable outlet
- Centre, left and right handed trap position
- Top access for easy maintenance
- Lifetime Guarantee



24 L / min

## Single Trap

- Flow rate up to 24 L/min <sup>‡1</sup>
- Variable trap position (centre shown)
- Left and right handed option also available
- Outlet position rotates through 360°



41 L / min

## Double Trap

- Flow rate up to 41 L/min <sup>‡1</sup>
- For medium-high performance showers
- Variable trap position (centre, left or right)
- Outlet position rotates through 360°



68 L / min

## Triple Trap

- Flow rate up to 68 L/min <sup>‡1</sup>
- For high performance showers
- Outlet position rotates through 360°

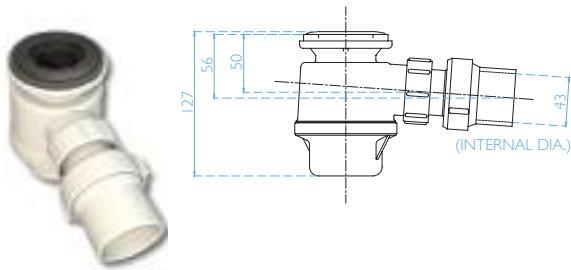
<sup>‡1</sup> Flow rates indicated are a guide only, based upon 42mm waste pipe and swept bends.  
See pages 16 & 17 for product codes.

# TRAP OUTLETS

## HORIZONTAL TRAP

The horizontal trap incorporates an adjustable ball joint, allowing for ease of installation and can be positioned centre, left or right handed and is accessible from the top for cleaning and maintenance.

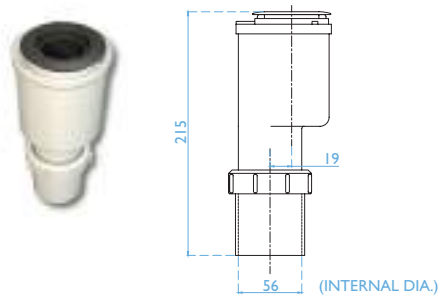
- 50mm Waterseal
- 40mm ABS pipe connection



## VERTICAL TRAP

The vertical trap allows the outlet to be positioned through the slab and connected to a waste pipe below and can be positioned centre, left or right handed and is accessible from the top for cleaning and maintenance.

- 50mm Waterseal
- 50mm ABS pipe connection



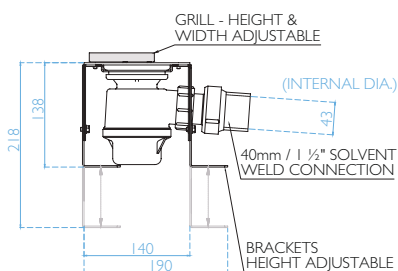
I.2 b

# BRACKET TYPE

## HORIZONTAL TRAP

### Standard Bracket

Adjustable between 138mm - 218mm.

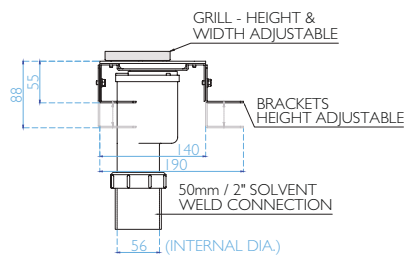
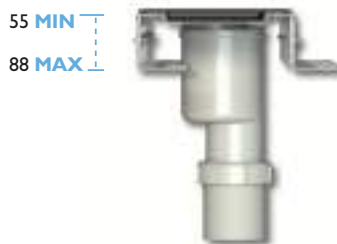


## VERTICAL TRAP

(available in two options)

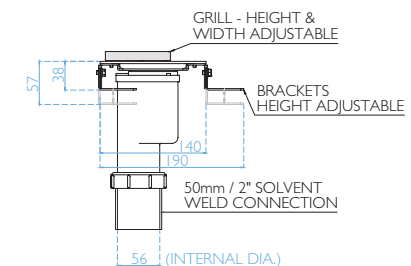
### Standard Bracket

Adjustable between 55mm - 88mm.



### Extra Shallow Bracket

Adjustable between 38mm - 57mm.



# GRILL TYPE - WALL OR FLOOR

There are two types of grill available with the Linear Screed Line, both fit onto the drain body using 8 pre-set fixing points.

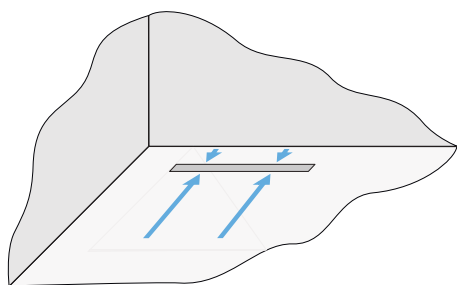
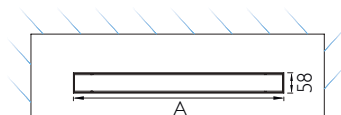
Both the Floor Grill and Wall Grill are independently height adjustable, enabling the grill to be positioned precisely to suit the tile thickness being used.

The final position of the Wall Grill is also independently width adjustable by up to 38mm, allowing the grill to be neatly positioned up against the wall tile, after the drain body has been installed, for a perfect finish every time.

All grills are manufactured in 316 grade stainless steel ensuring a stunning high quality durable finish.

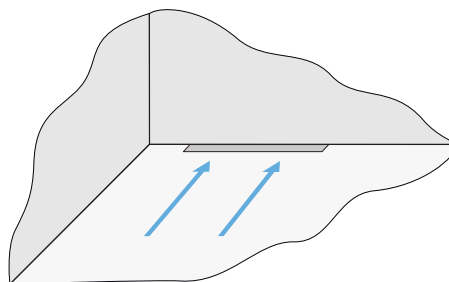
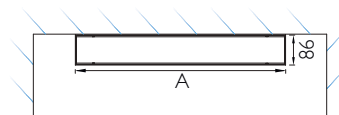
## FLOOR GRILL

The centre point of the Floor Grill is typically positioned 150mm from the wall, to create a two-way fall within the shower: **Grill width 58mm.**



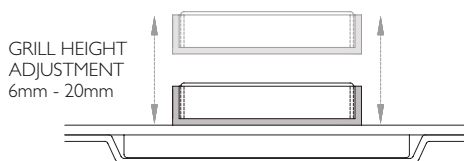
## WALL GRILL

The Wall Grill is positioned neatly up against the wall, to create a one-way fall within the shower: **Grill width 86mm.**



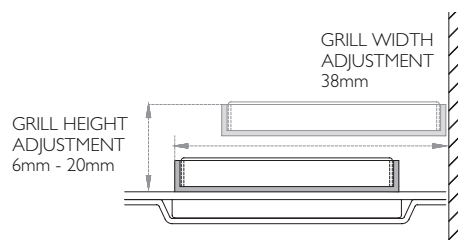
## HEIGHT ADJUSTMENT

The Floor Grill is independently height adjustable in 1mm increments to suit different tile thicknesses.



See pages 16 & 17 for product codes.

The Wall Grill is independently height adjustable in 1mm increments to suit different tile thicknesses. The final position of the Wall Grill is also independently width adjustable by up to 38mm.



I.2 b

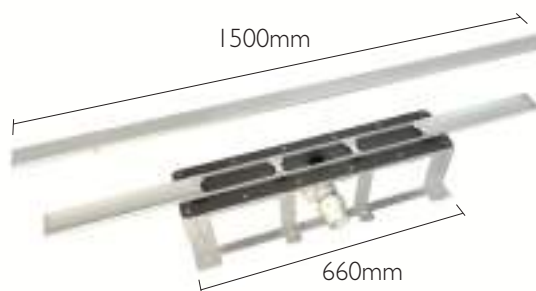
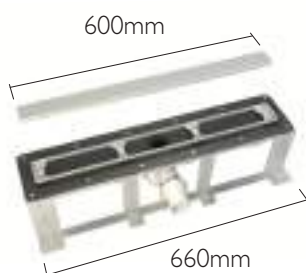
# GRILL LENGTH

All grill types are offered in 15 standard lengths ranging from 600mm to 2000mm, with the majority available from stock on a next day delivery service.<sup>‡1</sup>

Where a standard grill length is not suitable we offer a **FAST TRACK** bespoke design service, manufactured and delivered in as little as 3-4 days. See below for further details.

The drain body is always installed first, prior to the application of the waterproofing membrane, with the grill installed at the point of tiling.

Regardless of the length of grill, the drain body always remains the same at 660mm. Where the grill length exceeds 660mm the ends of the grill overhang the drain body and are supported with tile adhesive - see image below.



The following standard grill lengths are available:

- |          |          |          |          |          |
|----------|----------|----------|----------|----------|
| • 600mm  | • 700mm  | • 800mm  | • 900mm  | • 1000mm |
| • 1100mm | • 1200mm | • 1300mm | • 1400mm | • 1500mm |
| • 1600mm | • 1700mm | • 1800mm | • 1900mm | • 2000mm |

<sup>‡1</sup> Excludes grill types B & C greater than 1500mm.

For grill types S & F greater than 1500mm; the Insert is supplied in two equal sections.

Offset grill position available as a bespoke - see below for details.

## FAST TRACK BESPOKE

Where a standard grill length is not sufficient to meet the requirements of a project, such as when designing the drain to fit exactly between two walls, a bespoke length may be required.

We understand the exact grill length required may not be known until the shower has been tiled, therefore to meet such requirements we offer a unique **FAST TRACK** production service, where we can manufacture and deliver a bespoke length grill in 3-4 days.

We can achieve this due to the unique design of our drain, with the drain body supplied separately, and the grill to follow.

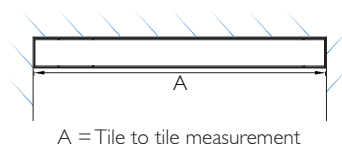
- Any length grill between 600mm-2000mm
- Manufactured in 2-3 days and delivered in 3-4 days.
- Grill types A, S8, S12, S20 & F
- No drawing required <sup>‡2</sup>

<sup>‡2</sup> Subject to drain body being installed centrally within the shower area.

## BESPOKE GRILL DESIGN

We also offer a bespoke design service where we can manufacture a grill to a specific width or height, or to a completely unique design, usually within 2-3 weeks. Please contact our technical team for further information.

### Wall to wall grill



A = Tile to tile measurement

Where a wall to wall grill finish is required it is recommended to take a measurement on-site from the face of the wall tiles, therefore ensuring there are no gaps either side of the grill. The grill is manufactured in 2-3 days and delivered in 3-4 days using our **FAST TRACK** bespoke grill service.

See pages 16 & 17 for product codes.

## I.2 b



SOLID  
FLOOR

I.2 b

LINEAR SCREED LINE

## FRAMELESS GRILL

With only a shadow gap visible around the perimeter of the drain, the stunning Frameless Grill ensures water drains effortlessly away, providing a sleek, contemporary finish to any room.

Frameless design complements all brassware finishes.



# GRILL FINISH

Ultimately the grill finish is the only visible element of our wetroom system and as such, is often the defining factor of the overall design.

From the contemporary Stone-Infill or ultra-stylish Frameless, to the simplicity of the Brushed stainless steel, we have a grill finish to complement any design style.

We manufacture all of our grills using only 316 marine grade stainless steel, ensuring a stunning high quality durable finish, complete with our Lifetime Guarantee.

The grill insert is easily removed for cleaning and maintenance, using the key provided with the grill.



## BRUSHED STAINLESS STEEL

- Choice of designs in a metallic finish.

### Type A - Solid

With a 5mm gap around the grill for a sleek stylish finish.

Type A



### Type B - Slotted

Holes with a brushed stainless steel finish.

Type B



### Type C - Square

Designed with a brushed stainless steel finish.

Type C



## STONE-INFILL

- Allows a section of matching stone or tile to be inserted.



### Type S8 - Stone-Infill <sup>‡1</sup>

*Suits 6-8mm stone thickness.*

Type S8



### Type S12 - Stone-Infill <sup>‡1</sup>

*Suits 10-12mm stone thickness.*

Type S12



### Type S20 - Stone-Infill <sup>‡1</sup>

*Suits 18-20mm stone thickness.*

Type S20



## FRAMELESS

- Ensures a stunning almost invisible finish, using a section of matching stone or tile. Frameless design complements all brassware finishes.

### Type F - Frameless Grill <sup>‡1</sup>

*Suits any stone thickness.*

Type F



Stock lengths 600mm - 2000mm. Bespoke lengths manufactured and delivered in as little as 3-4 days.

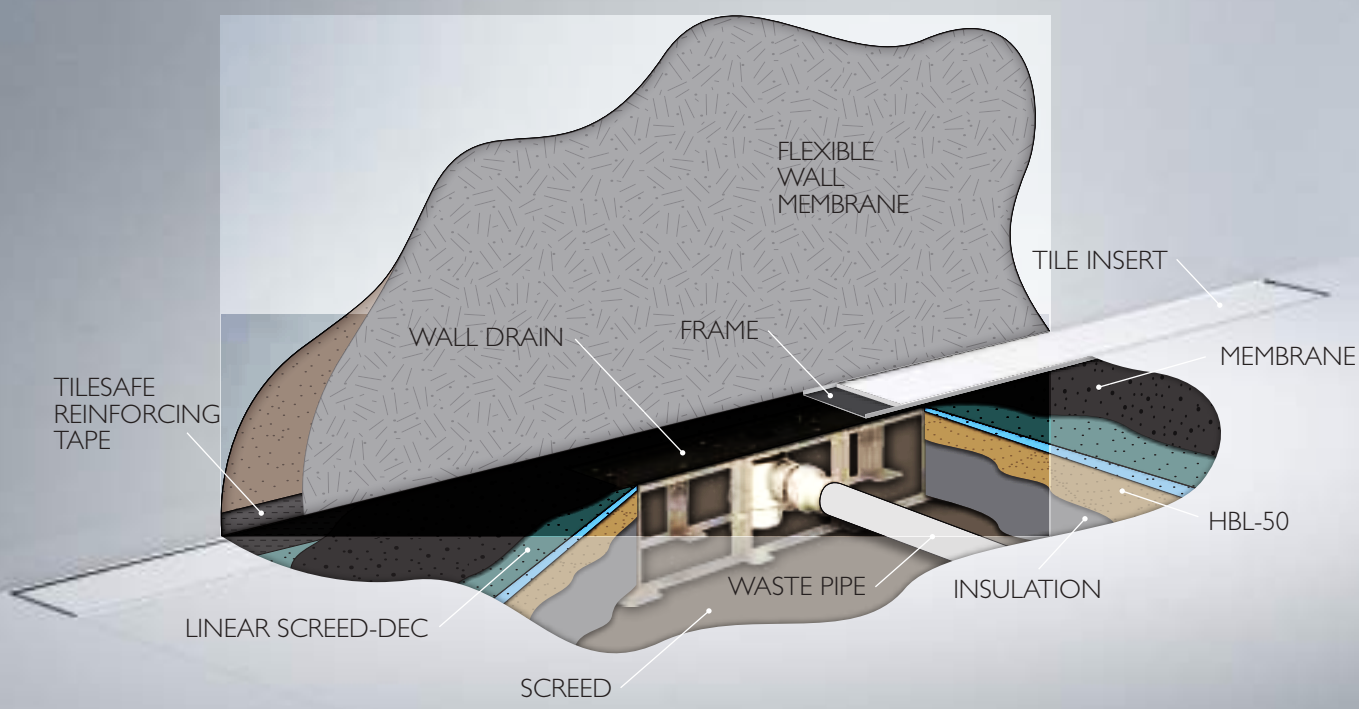
All grill finishes are kept in stock, see page 11-12 for available lengths and details of our bespoke manufacturing service.

See pages 16 & 17 for product codes.

<sup>‡1</sup> For grill types S & F greater than 1500mm, the insert is supplied in two equal sections. Suitable for stone and porcelain tiles only.

WETROOM COMPONENTS

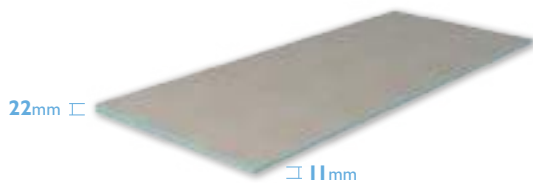
I.2 b



# FLOOR BUILD-UP & WATERPROOFING

SOLID  
FLOOR

## LINEAR SCREED-DEC



The Linear Screed-Dec is a pre-formed tapered board which removes the uncertainty of forming a fall within the screed in the shower area by hand.

Each board has a pre-engineered one-way fall, providing a guaranteed consistent gradient every time - see section 1.3 for full details.

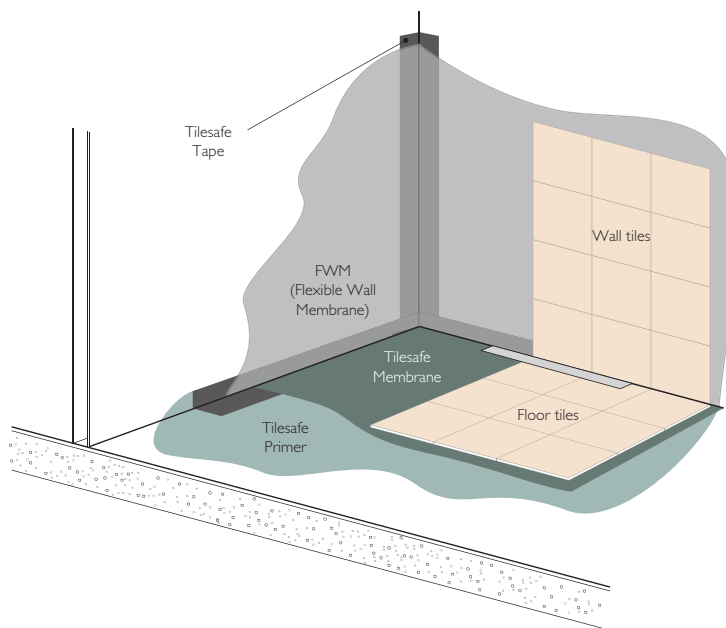
## HBL-50



HBL-50 is a hi-build wetrooms levelling compound specifically designed to provide a sound and stable base for the Linear Screed-Dec, while at the same time allowing for any on-site tolerances - see section 1.3 for full details.

1.2 b

## WATERPROOFING



Waterproofing is one of the key elements of any wetroom, ensuring the room remains watertight at all times.

To ensure your entire project is fully covered by our Lifetime Guarantee we have developed a range of unique waterproofing solutions. These are specifically designed and guaranteed to work with our Linear Screed Drain, to provide a complete solution and total peace of mind.





- Floor and wall membrane
- De-coupling properties
- Acoustic properties
- Quick and easy to apply
- Lifetime Guarantee

See Section 3 for full details.





## PRODUCT CODES - DRAIN BODY



## HORIZONTAL TRAP - STANDARD BRACKETS





TYPE	DRAIN & FLOW RATE	TRAPS	CODE
	 24 L / min	1	LSL-1H/ST
	 41 L / min	2	LSL-2H/ST
	 68 L / min	3	LSL-3H/ST

## VERTICAL TRAP - STANDARD BRACKETS

TYPE	DRAIN & FLOW RATE	TRAPS	CODE
	 24 L / min	1	LSL-1V/ST
	 41 L / min	2	LSL-2V/ST
	 68 L / min	3	LSL-3V/ST

Extension brackets available to increase maximum height. Please see below.

## VERTICAL TRAP - EXTRA SHALLOW BRACKETS

TYPE	DRAIN & FLOW RATE	TRAPS	CODE
	 24 L / min	1	LSL-1V/ES
	 41 L / min	2	LSL-2V/ES
	 68 L / min	3	LSL-3V/ES

Extension brackets available to increase maximum height. Please see below.

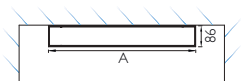
Use extension brackets to increase the height of the standard drain above 88mm.  
Each bracket will increase the height by 30mm, multiple brackets can be used if necessary.

# PRODUCT CODES - GRILL



SOLID  
FLOOR

## WALL GRILL



LENGTH	CODE	GRILL FINISH
600mm	SWG-600/-	Add code for Grill Finish:
700mm	SWG-700/-	
800mm	SWG-800/-	
900mm	SWG-900/-	
1000mm	SWG-1000/-	
1100mm	SWG-1100/-	
1200mm	SWG-1200/-	
1300mm	SWG-1300/-	
1400mm	SWG-1400/-	
1500mm	SWG-1500/-	
1600mm <sup>‡1,2</sup>	SWG-1600/-	
1700mm <sup>‡1,2</sup>	SWG-1700/-	
1800mm <sup>‡1,2</sup>	SWG-1800/-	
1900mm <sup>‡1,2</sup>	SWG-1900/-	
2000mm <sup>‡1,2</sup>	SWG-2000/-	
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	SWG-FT/-	
Bespoke <sup>‡1,2</sup>	SWG-BES/-	

### Stone-Infill options:

**S8** = Suits 6-8mm tile thickness

**S12** = Suits 10-12mm tile thickness

**S20** = Suits 18-20mm tile thickness

**F** = Suits any tile thickness

### Brushed stainless steel options:

**A** = Solid

**B** = Slotted

**C** = Square

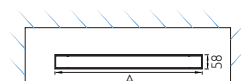
See p13 for full details.

Example:

Grill Type - Grill Length / Grill Finish  
SWG - 1100 / **S20**

1.2 b

## FLOOR GRILL



LENGTH	CODE	GRILL FINISH
600mm	SFG-600/-	Add code for Grill Finish:
700mm	SFG-700/-	
800mm	SFG-800/-	
900mm	SFG-900/-	
1000mm	SFG-1000/-	
1100mm	SFG-1100/-	
1200mm	SFG-1200/-	
1300mm	SFG-1300/-	
1400mm	SFG-1400/-	
1500mm	SFG-1500/-	
1600mm <sup>‡1,2</sup>	SFG-1600/-	
1700mm <sup>‡1,2</sup>	SFG-1700/-	
1800mm <sup>‡1,2</sup>	SFG-1800/-	
1900mm <sup>‡1,2</sup>	SFG-1900/-	
2000mm <sup>‡1,2</sup>	SFG-2000/-	
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	SFG-FT/-	
Bespoke <sup>‡1,2</sup>	SFG-BES/-	

### Stone-Infill options:

**S8** = Suits 6-8mm tile thickness

**S12** = Suits 10-12mm tile thickness

**S20** = Suits 18-20mm tile thickness

**F** = Suits any tile thickness

### Brushed stainless steel options:

**A** = Solid

**B** = Slotted

**C** = Square

See p13 for full details.

Example:

Grill Type - Grill Length / Grill Finish  
SFG - 1100 / **S20**

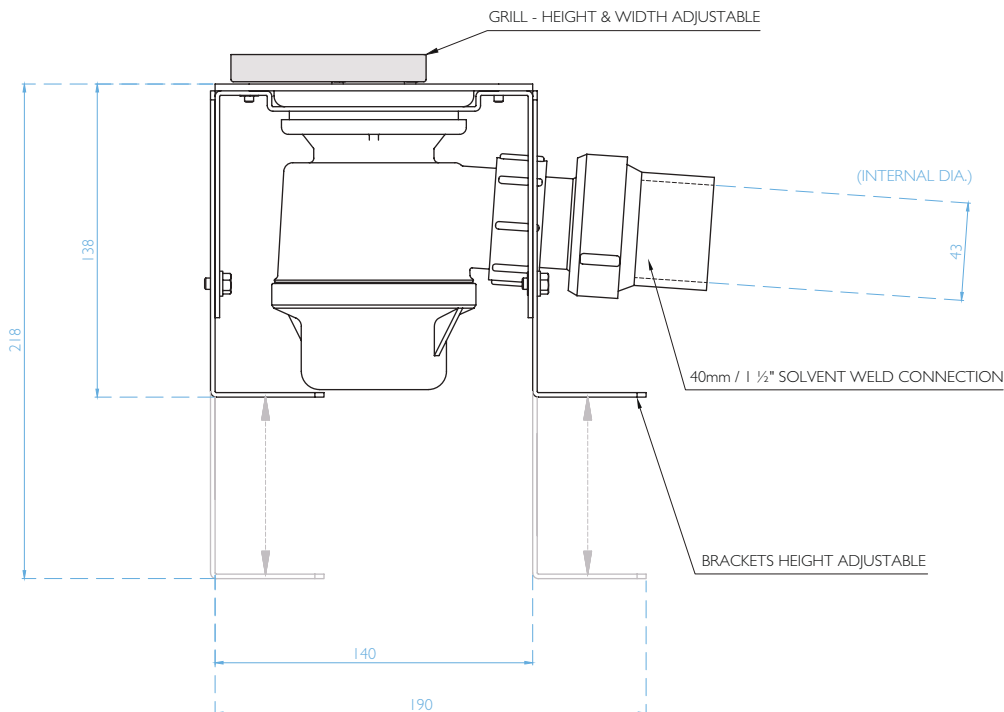
<sup>‡1</sup> For grill types B & C: 2-3 week lead-time.

<sup>‡2</sup> For grill types S & F greater than 1500mm, the insert is supplied in two equal sections.

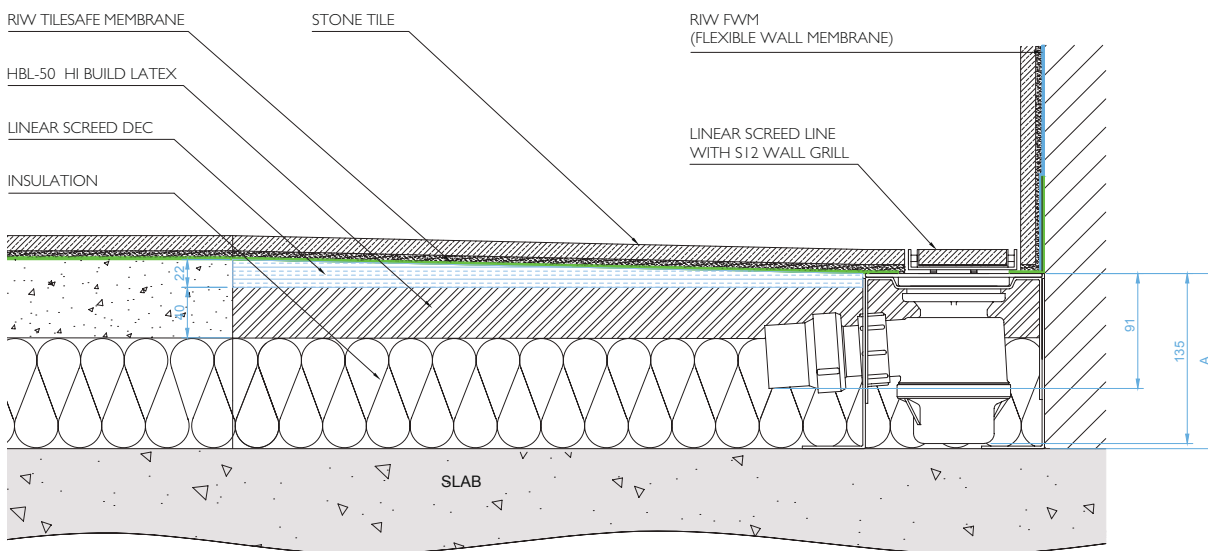
<sup>‡3</sup> Fast track service: Manufactured and delivered in 3-4 days, maximum length 2000mm.

# DETAIL: HORIZONTAL TRAP - WALL GRILL

## WALL GRILL WITH STANDARD BRACKETS



## WALL GRILL WITH STANDARD BRACKETS

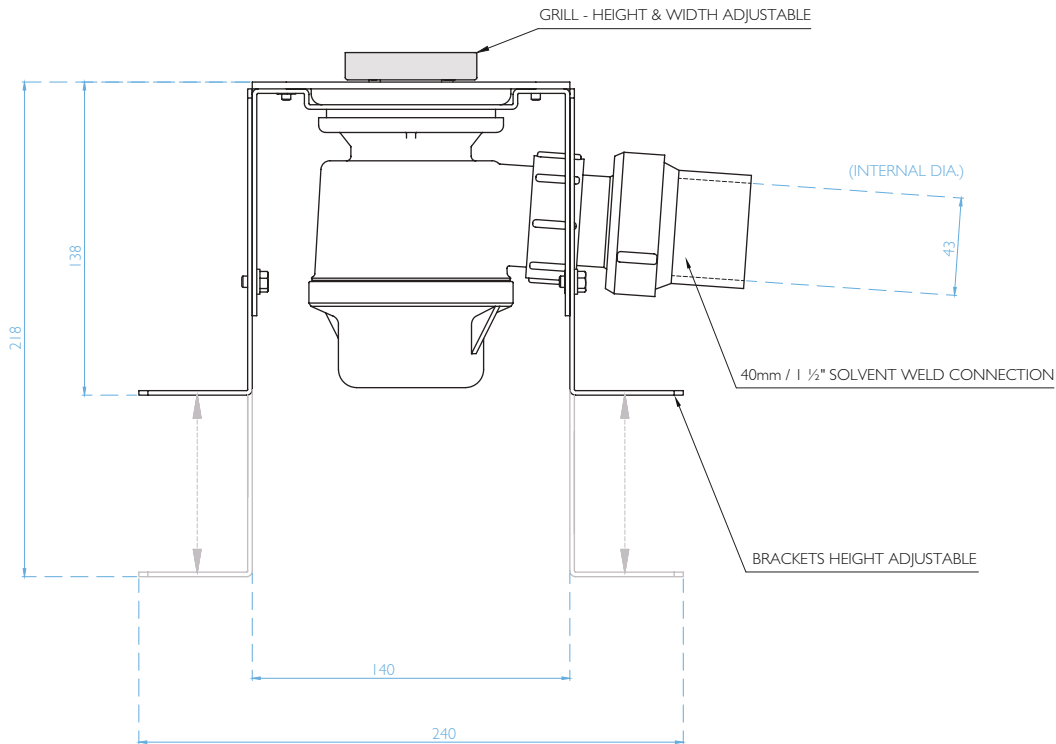


DIMENSION A : MIN. 138mm MAX. 218mm (Extension brackets available) drawn as 139mm.

# DETAIL: HORIZONTAL TRAP - FLOOR GRILL

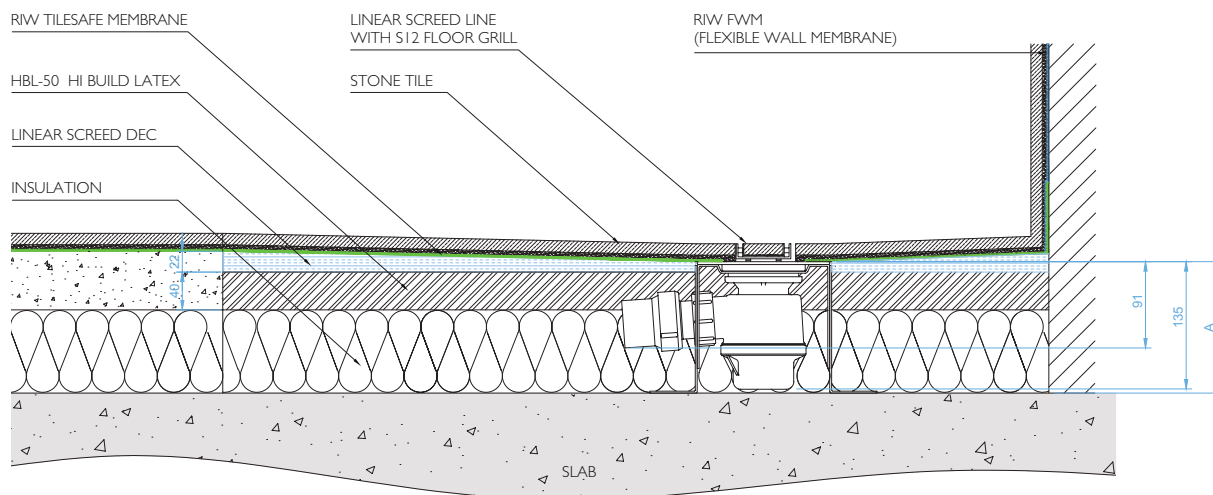
SOLID  
FLOOR

## FLOOR GRILL WITH STANDARD BRACKETS



1.2 b

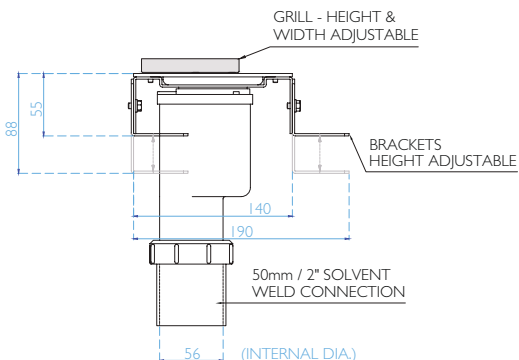
## FLOOR GRILL WITH STANDARD BRACKETS



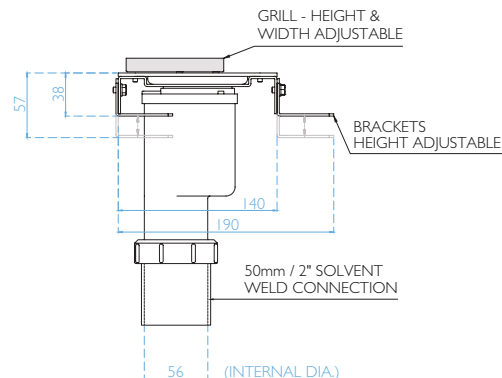
DIMENSION A : MIN. 138mm MAX. 218mm (Extension brackets available) drawn as 139mm.

# DETAIL: VERTICAL TRAP - WALL GRILL

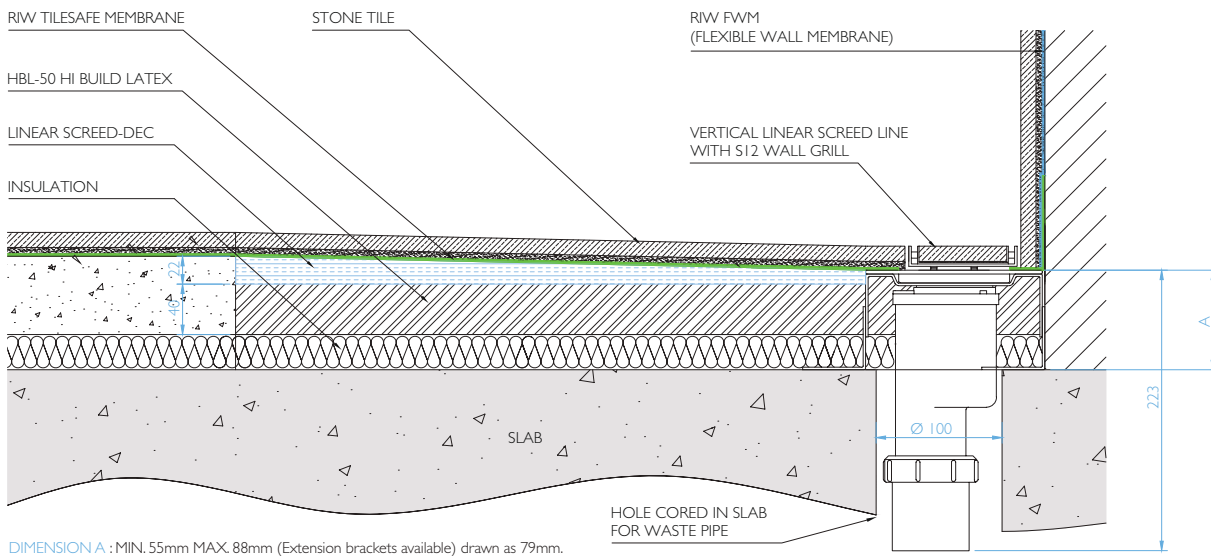
## STANDARD BRACKETS



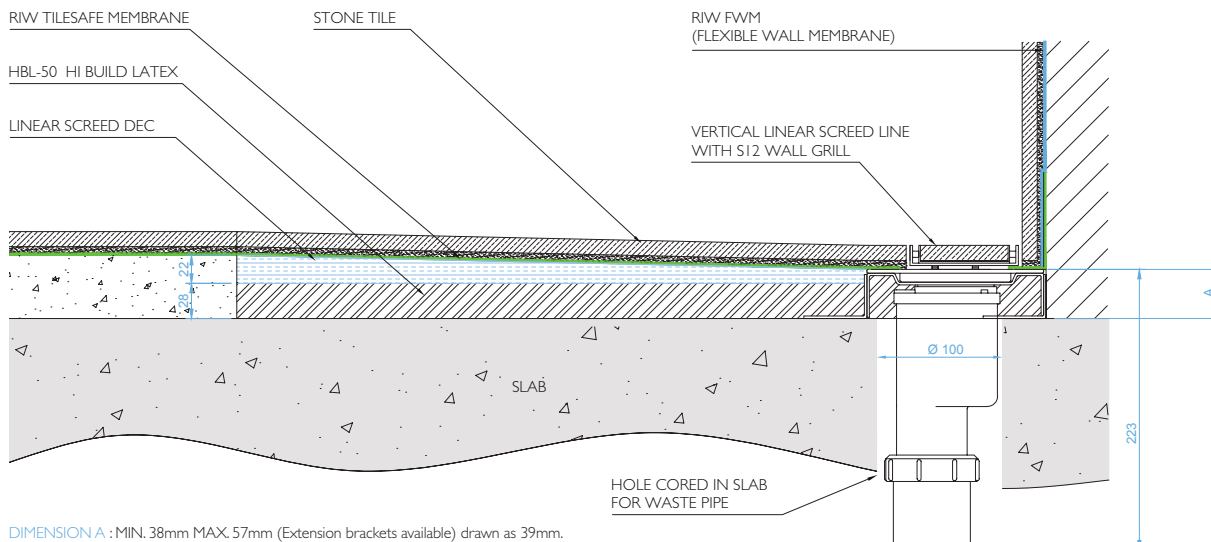
## EXTRA SHALLOW BRACKETS



## WALL GRILL WITH STANDARD BRACKETS



## WALL GRILL WITH EXTRA SHALLOW BRACKETS

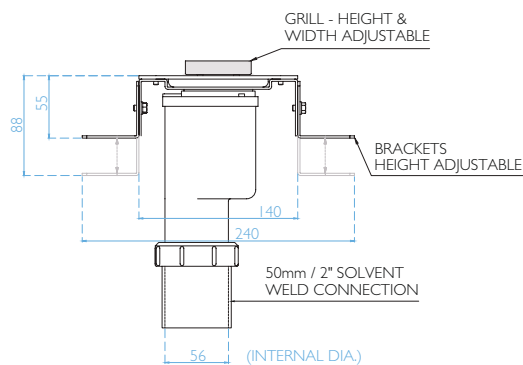




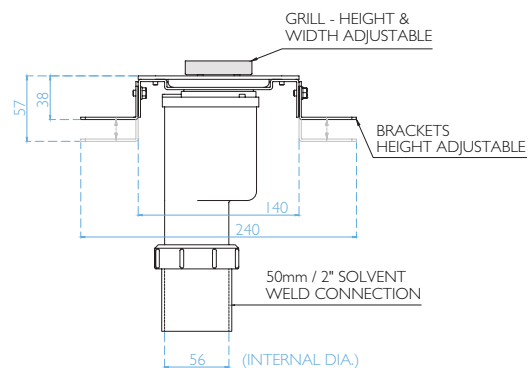
# DETAIL: VERTICAL TRAP - FLOOR GRILL

SOLID  
FLOOR

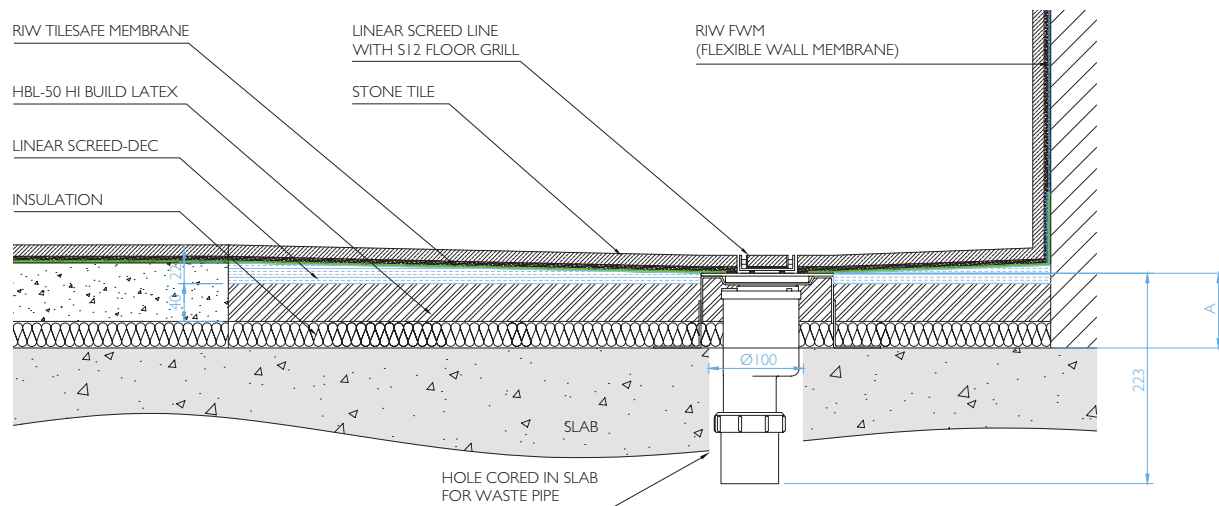
## STANDARD BRACKETS



## EXTRA SHALLOW BRACKETS

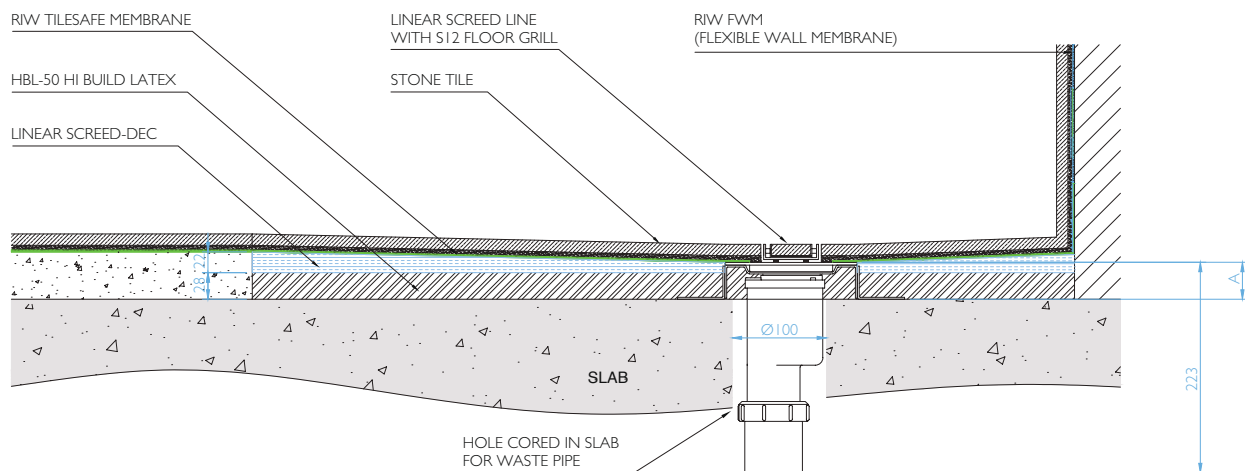


## FLOOR GRILL WITH STANDARD BRACKETS



DIMENSION A : MIN. 55mm MAX. 88mm (Extension brackets available) drawn as 79mm.

## FLOOR GRILL WITH EXTRA SHALLOW BRACKETS



DIMENSION A : MIN. 38mm MAX. 57mm (Extension brackets available) drawn as 39mm.

1.2 b

LINEAR SCREED LINE

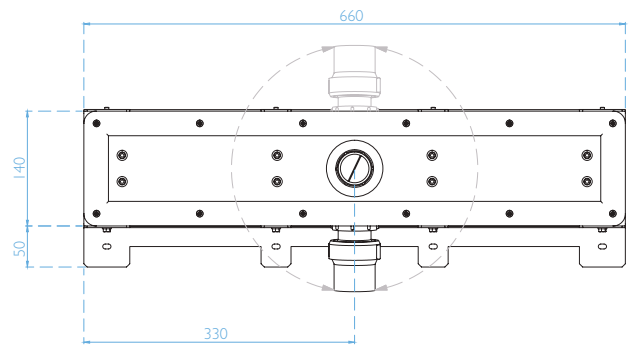
# TYPICAL DETAIL WITH WALL GRILL

- Use to create a **one-way fall**
- Minimum height 55mm with Standard Brackets
- Minimum height 38mm with Extra Shallow Brackets<sup>‡1</sup>
- **IO-SEAL** waterless trap
- 360° Rotatable waste outlet
- Centre, left and right handed waste position
- Flow rate up to 68 L/min<sup>‡2</sup>
- Height adjustable brackets
- Grill lengths up to 2000mm

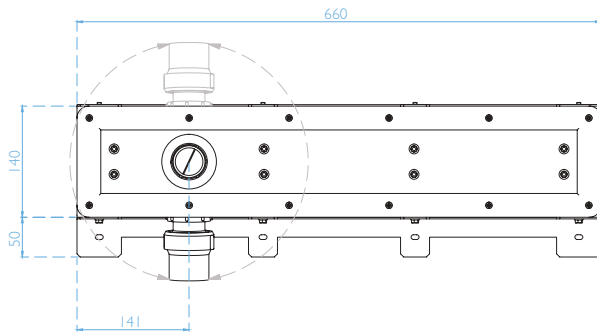
<sup>‡1</sup> Requires drain outlet to be recessed into the slab, refer to drawing on pages 18 & 19.

<sup>‡2</sup> See page 8 for full details.

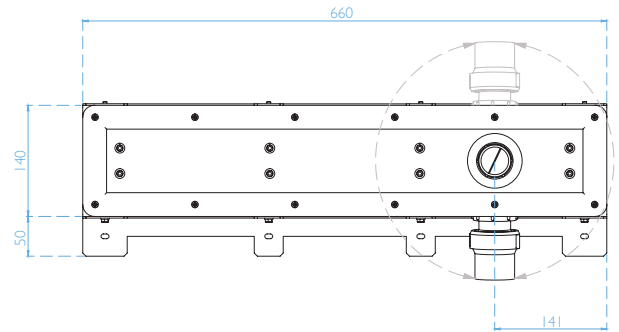
CENTRAL TRAP



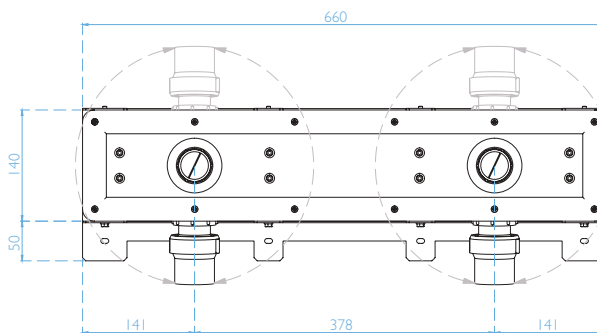
LEFT HAND TRAP



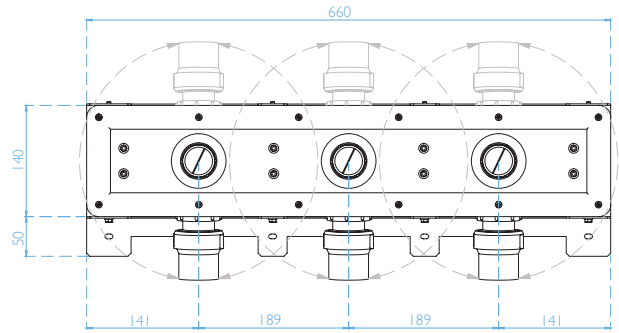
RIGHT HAND TRAP



DOUBLE TRAP



TRIPLE TRAP



# TYPICAL DETAIL WITH FLOOR GRILL

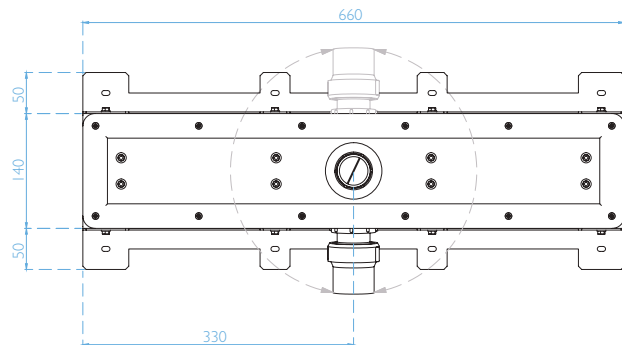
SOLID  
FLOOR

- Use to create a **two-way fall**
- Minimum height 55mm with Standard Brackets
- Minimum height 38mm with Extra Shallow Brackets <sup>‡1</sup>
- **Q-SEAL** waterless trap
- 360° Rotatable waste outlet
- Centre, left and right handed waste position
- Flow rate up to 68 L/min <sup>‡2</sup>
- Height adjustable brackets
- Grill lengths up to 2000mm

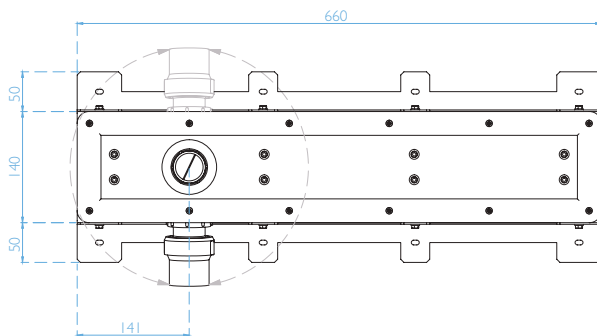
<sup>‡1</sup> Requires drain outlet to be recessed into the slab, refer to drawing on pages 18 & 19.

<sup>‡2</sup> See page 8 for full details.

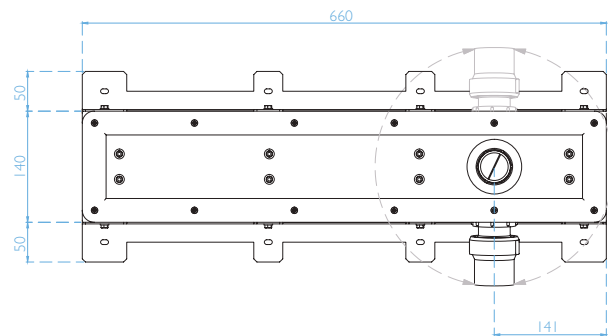
CENTRAL TRAP



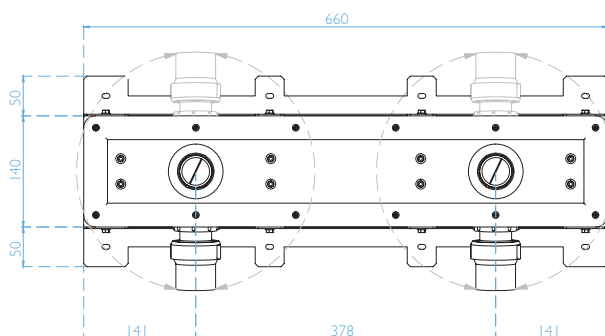
LEFT HAND TRAP



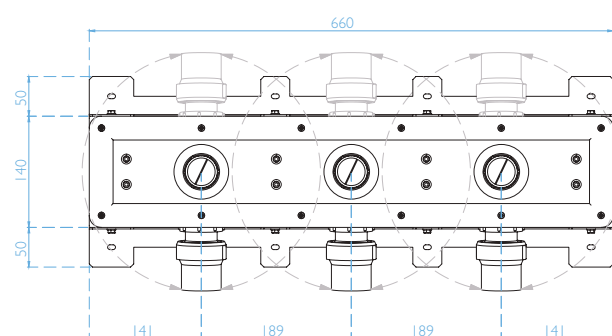
RIGHT HAND TRAP



DOUBLE TRAP



TRIPLE TRAP



I.2 b

LINEAR SCREED LINE



## SECTION I - SOLID FLOOR DRAINS

---

### I.2 LINEAR DRAINS

A) LINEAR SCREED DRAIN

I.2 a

B) LINEAR SCREED LINE

I.2 b

### I.3 FLOOR BUILD UP

A) HBL-50

I.3 a

B) LINEAR SCREED-DEC

I.3 b

### I.4 SOLO 4

I.4

SOLID  
FLOOR

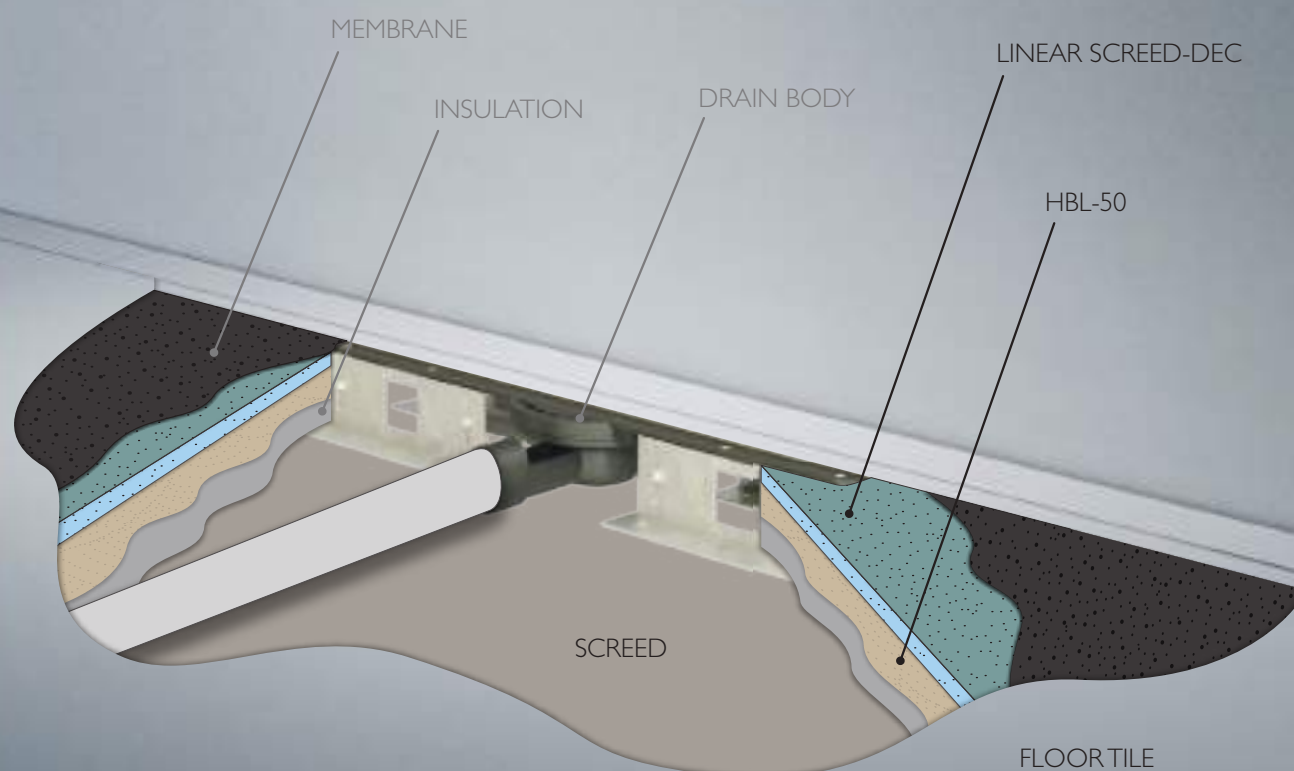
I.3 a  
I.3 b

LINEAR SCREED-DEC & HBL-50



# LINEAR SCREED-DEC & HBL-50

Creating the slope within a screeded floor is not always easy to achieve. To simplify this process we have developed a unique floor build-up solution, combining a trimmable pre-formed tapered board with a hi-build levelling compound, providing quick and simple installation, with a guaranteed consistent gradient every time.



I.3 a

I.3 b



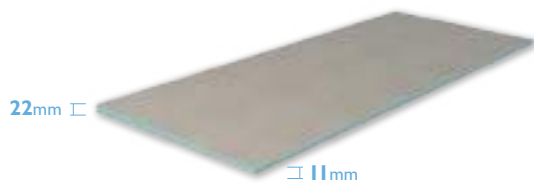


# INTRODUCTION



SOLID  
FLOOR

## Linear Screed-Dec



## HBL-50

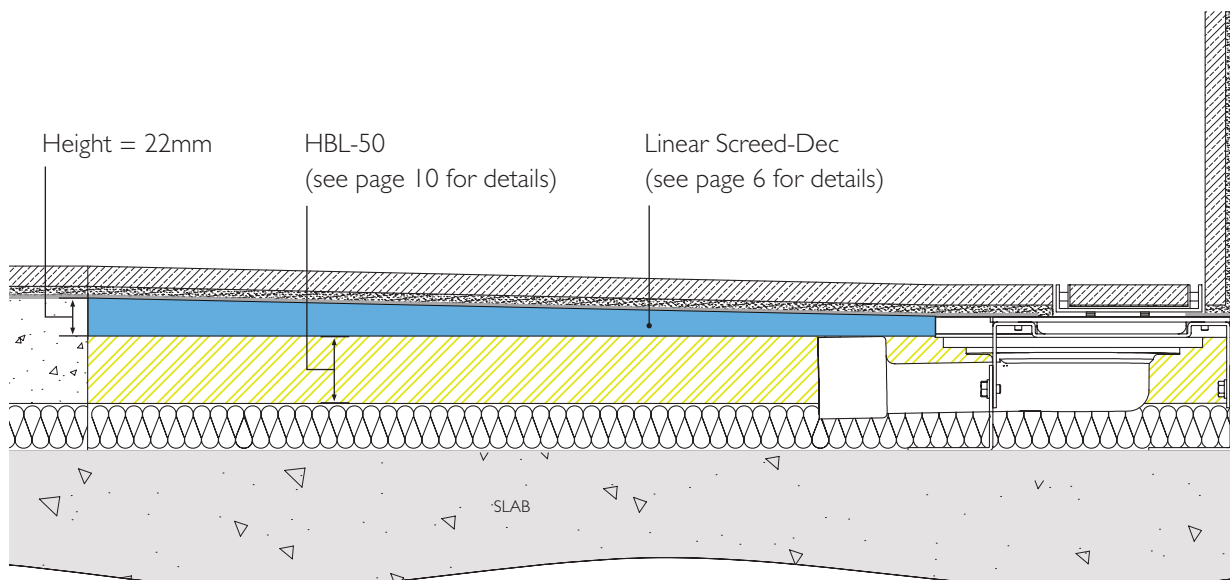


The Linear Screed-Dec is a pre-formed tapered board with a built-in one-way gradient, which removes the uncertainty of screeding a fall within the shower area by hand. This is installed onto our HBL-50, a high

build self levelling wetroom compound, typically poured between 30-50mm, which takes up any tolerances within the substrate. A layer of insulation is often installed below, to complete the overall floor build-up.

## Key Features

- Pre-engineered gradient
- Quick and easy to install
- Allows for any on-site tolerances
- Use to create one and two-way fall showers
- Provides perfect finish for tiling
- Lifetime Guarantee

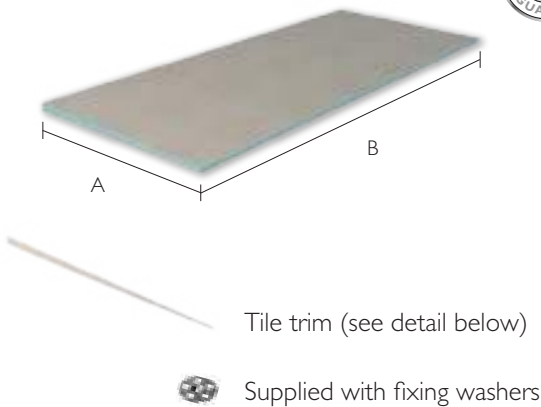


# LINEAR SCREED-DEC

The Linear Screed-Dec is manufactured using a high density XPS core with a mineral coating, making it lightweight and easy to handle, whilst maintaining good thermal properties and compressive strength.

Each Dec is 22mm thick with a built-in 11mm fall to ensure a guaranteed consistent gradient every time. Available in 9 lengths (Dimension A), all sizes are 1200mm

wide (Dimension B), and can be easily trimmed to size. Linear Screed-Dec can be used to create either a one-way fall towards the wall, or a two-way fall with the drain just off the wall or in the centre of the shower. Two or more Decs can also be used together to create a larger wetroom area. A 600mm x 300mm infill panel is available for use in certain configurations (see page 13).



## Key Features

- Pre-engineered 11mm gradient
- Use to create one and two-way fall showers
- Trimmable
- Quick and easy to install
- Provides perfect finish for tiling
- Ideal for large format tiles
- Use two or more to create a shower of any size
- Lifetime Guarantee

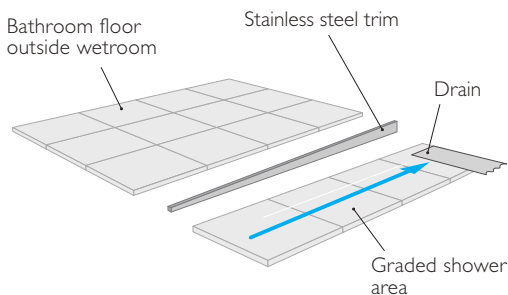
## Trimmable



Easily trimmed on either the length (Dimension A) or the width (Dimension B), the Linear Screed-Dec can be cut to size to suit almost any shower layout.

See page 13.

## Tile trim



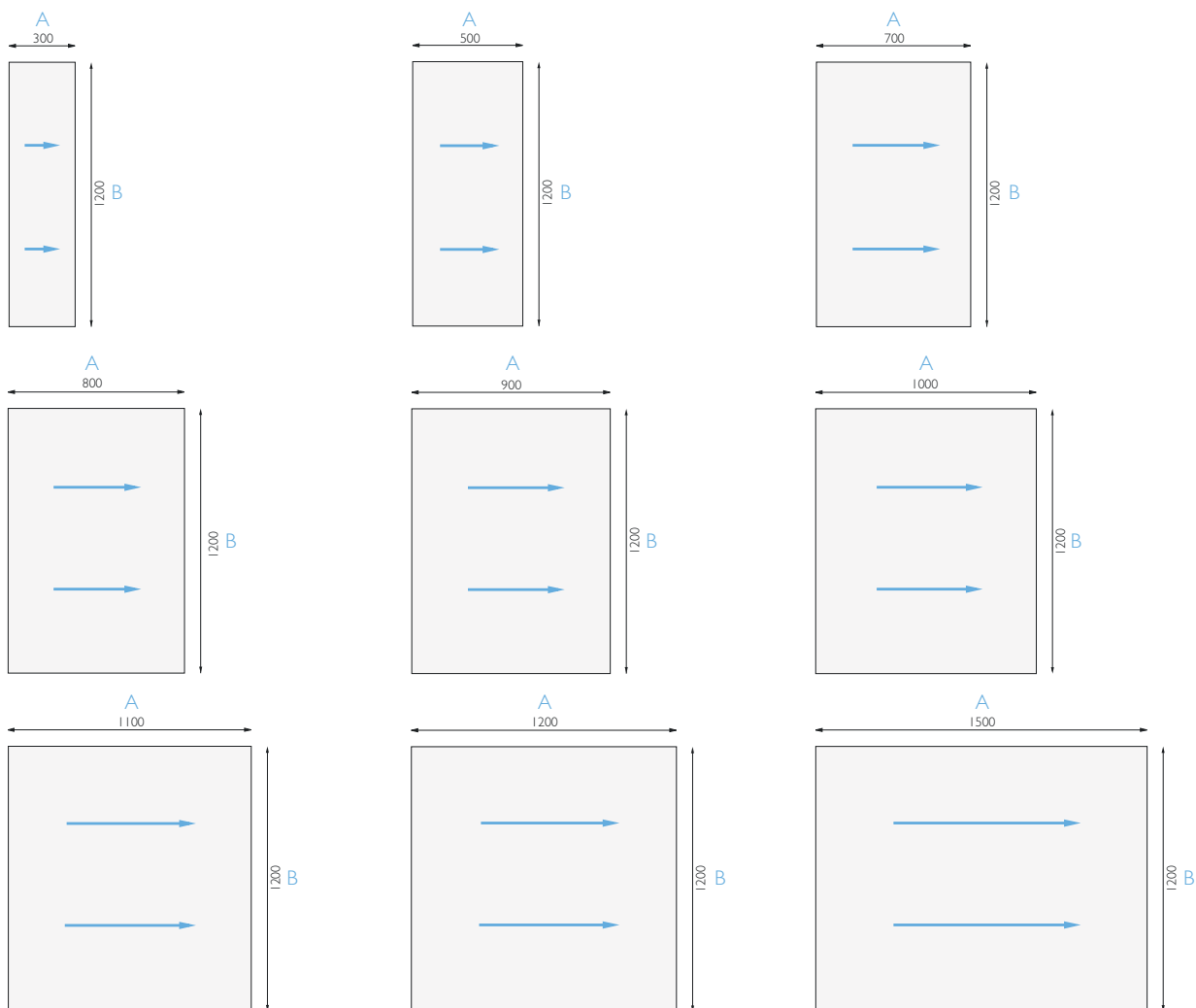
The Tile Trim provides a stylish brushed stainless steel finish to the edge of the tile where the Linear Screed-Dec meets the remainder of the bathroom floor.

See page 12.

I.3 a

# DEC SIZES

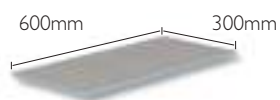
SOLID  
FLOOR



I.3 a

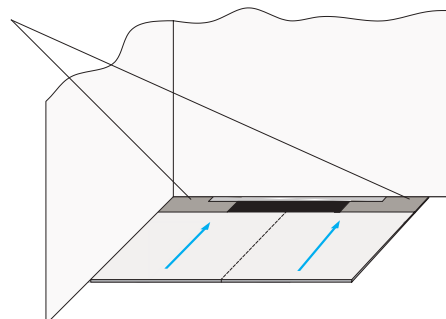
## Infill Panel

Infill Panels are used to fill in either side of the Drainage Component where the shower width exceeds 1200mm.



See page I.3.

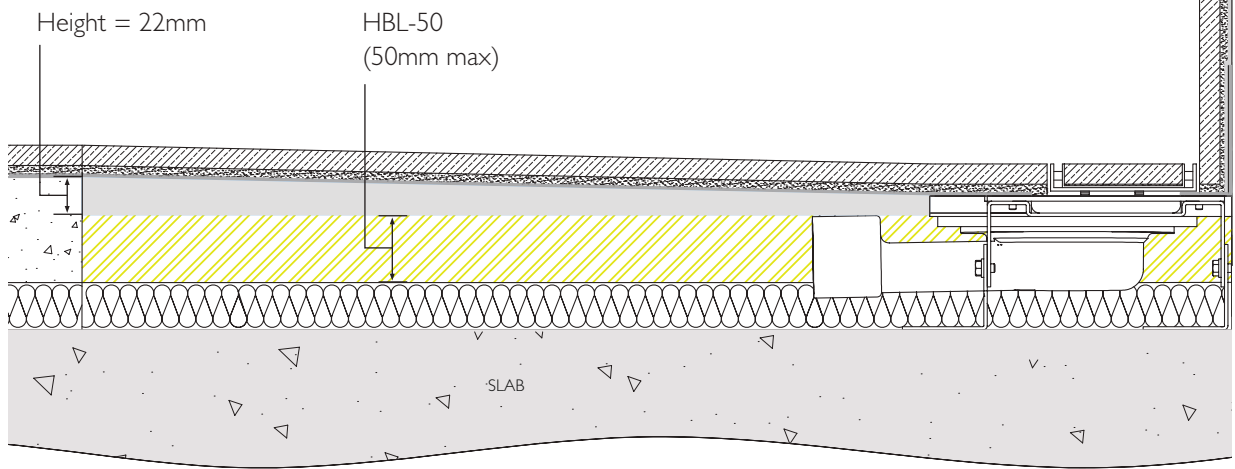
Infill Panels



# HBL-50

HBL-50 is a Hi-Build fibre reinforced wetroom levelling compound specifically designed to provide a sound and stable base for the Linear Screed-Dec, whilst at the same time allowing for any tolerances on-site. It is poured to a datum 22mm less than the screed outside the shower

area, typically to a depth 30-50mm, with a layer of insulation often installed below, to complete the overall floor build-up. The Linear Screed-Dec is then installed on top, ensuring a guaranteed consistent gradient every time.



## Key Features



- Provides a level base for Linear Screed-Dec
- Allows for on-site tolerances
- Can be applied 30-50mm in one application
- Rapid-set
- Traffic after 4 hours
- Ready to waterproof in 24 hours
- Reinforced Polymer Technology
- 20kg Bag
- Lifetime Guarantee

# PRODUCT INFO

SOLID  
FLOOR

## Description

HBL-50 Wetroom Levelling Compound is a single part, fibre reinforced, self smoothing floor underlayment designed to provide a level base for Linear Screed-Dec, suitable for use from 30mm to 50mm in one application without the need for additional granite chippings.

The excellent levelling and flow properties of the product make it ideal for preparing wetrooms prior to installing the Linear Screed-Dec. It has a setting time of 4 hours at 20°C permitting early foot traffic.

The product is suitable for a variety of substrates including concrete, screed, flooring grade asphalt, terrazzo and existing tiles. It is also suitable for use on timber floors which must be overlaid with a minimum 15-18mm thick WBP or Marine grade plywood screw fixed at maximum 300mm centres to both joists and existing boards.

The plywood should be primed with a suitable primer which should be allowed to dry prior to application of the levelling compound. It is essential to ensure that the floor is sufficiently rigid and deflection free to support the additional weight of tiling before commencing.

7 day Compressive strength = 25N/mm<sup>2</sup>  
28 day Compressive strength = 35N/mm<sup>2</sup>  
7 day Flexural strength = 7.5N/mm<sup>2</sup>  
28 day Flexural strength = 9N/mm<sup>2</sup>

## Preparation

All surfaces should be dry, clean and dust free. All ground floors should incorporate a damp proof membrane.

## Setting out

HBL-50 should be poured to a datum 22mm lower than the screed outside the shower, to provide a sound and stable base for the Linear Screed-Dec, whilst allowing for tolerances on-site.

Where the required depth exceeds 50mm a suitable insulation board should be used to take up the difference, ensuring it is securely fixed to the substrate.

All waste pipes should also be fully secured so that the recommended drainage fall is maintained.

## Application

Pour the compound onto the floor and trowel out to the desired depth, the product is self-smoothing. Do not use below 5°C.

The Linear Screed-Dec can be installed after approximately 12 hours.

Waterproofing membranes or products susceptible to moisture should not be applied for a minimum of 24 hours.

Undertile heating systems should not be switched on for at least 14 days and then brought up to operating temperature at a rate of 5°C per 24 hours.

## Coverage

- 30mm depth x 1m<sup>2</sup> = 51kg
- 40mm depth x 1m<sup>2</sup> = 68kg
- 50mm depth x 1m<sup>2</sup> = 85kg

## Technical advice

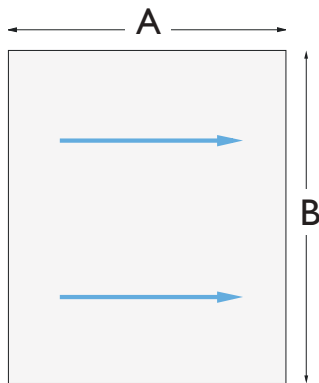
For further advice please refer to the separate Product Data Sheet or call the technical helpline on 0844 3276002.

I.3 b

LINEAR SCREED-DEC & HBL-50

## PRODUCT CODES

## Linear Screed-Dec



Trimable on-site



Trimable on-site

Length A	Width B	CODE
300mm	1200mm	SDE-03
500mm	1200mm	SDE-05
700mm	1200mm	SDE-07
800mm	1200mm	SDE-08
900mm	1200mm	SDE-09
1000mm	1200mm	SDE-10
1100mm	1200mm	SDE-11
1200mm	1200mm	SDE-12
1500mm	1200mm	SDE-15

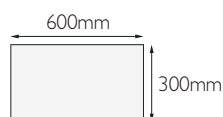
Length A	Width B	CODE
300mm	600mm	SDE-H03
500mm	600mm	SDE-H05
700mm	600mm	SDE-H07
800mm	600mm	SDE-H08
900mm	600mm	SDE-H09
1000mm	600mm	SDE-H10
1100mm	600mm	SDE-H11
1200mm	600mm	SDE-H12
1500mm	600mm	SDE-H15

## Tile Trim



Description	CODE
For 500mm Linear Screed-Dec	SDT-05
For 700mm Linear Screed-Dec	SDT-07
For 800mm Linear Screed-Dec	SDT-08
For 900mm Linear Screed-Dec	SDT-09
For 1000mm Linear Screed-Dec	SDT-10
For 1100mm Linear Screed-Dec	SDT-11
For 1200mm Linear Screed-Dec	SDT-12
For 1500mm Linear Screed-Dec	SDT-15

## Infill panel



## CODE

SIP-2

Trimable on site

## HBL-50



## CODE

HBL-50

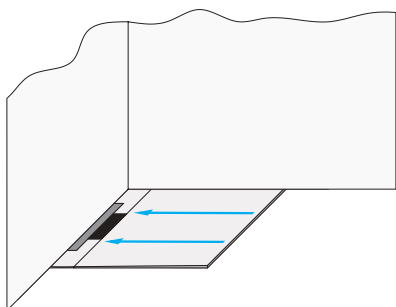
20 kg bag

# TYPICAL LAYOUTS

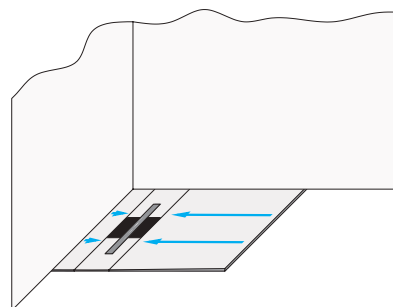
The Linear Screed-Dec is extremely versatile and can be installed in many possible combinations. The following examples show some of the more common wetroom

layouts that can be achieved, for further assistance please contact our technical team who will be pleased to advise.

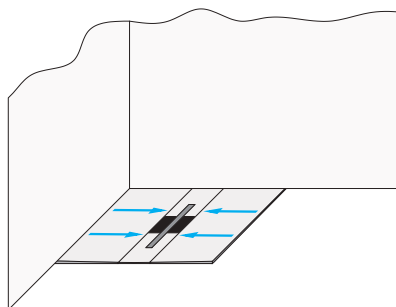
Layout SD1



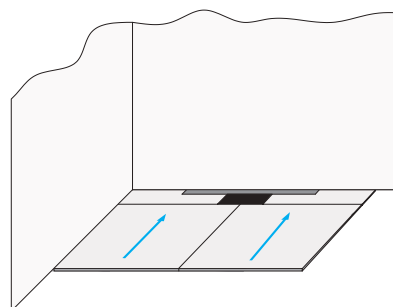
Layout SD2



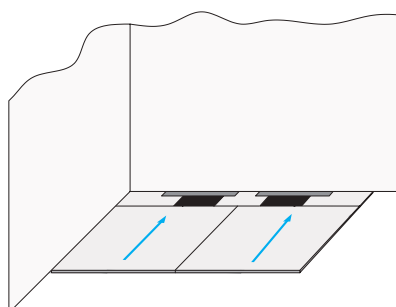
Layout SD3



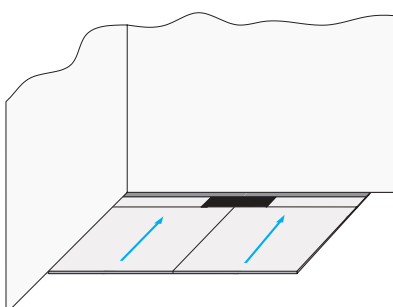
Layout SD4



Layout SD5



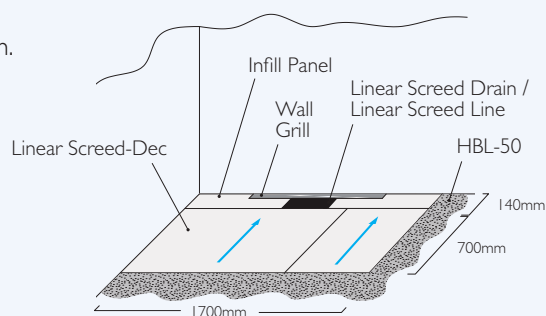
Layout SD6



For example, below is a list of items required for Layout SD4 to create a shower 1700mm x 1000mm.

- 1 x 1500mm Linear Screed Drain / Linear Screed Line with Wall Grill
- 2 x Infill Panel\*
- 1 x 700mm x 1200mm Linear Screed-Dec\*
- 1 x 700mm x 600mm Linear Screed-Dec\*

\* Trimmable on-site







## SECTION I - SOLID FLOOR DRAINS

---

### I.2 LINEAR DRAINS

A) LINEAR SCREED DRAIN

I.2 a

B) LINEAR SCREED LINE

I.2 b

### I.3 FLOOR BUILD UP

A) HI-BUILD LATEX

I.3 a

B) LINEAR SCREED-DEC

I.3 b

### I.4 SOLO4

I.4

---

PRODUCT  
SPECIFICATION  
GUIDE

## SOLO4 TILED

Solo4 is a 50mm waterseal shower gully, ideal for use in solid floors of all types.

Designed for tiled floors it is available in a choice of stylish grill finishes with the option of a horizontal or vertical outlet.

Suitable for use in commercial and domestic wetrooms, barrier free showering, retirement and care homes, student accommodation, hotels and leisure, backed by our Lifetime Guarantee.



SOLID  
FLOOR

1.4

SOLO4 TILED



# INTRODUCTION

SOLID  
FLOOR

MINIMUM HEIGHT:

STANDARD  
BRACKETS: 138mm

EXTRA SHALLOW  
BRACKETS: 38mm

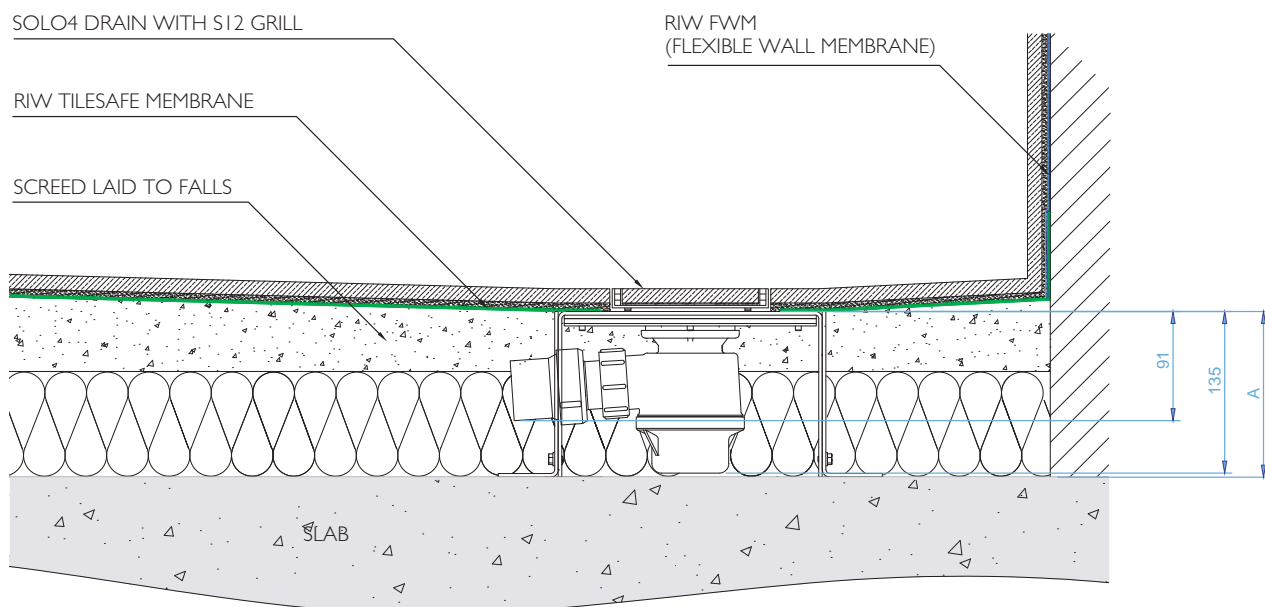


The Solo4 has been designed for concrete or screeded floors for use on concrete slabs, planks and block and beam floors. Available with either a horizontal or vertical outlet, the drain incorporates our TR-50 trap which

has a 50mm waterseal and is supported by a lifetime guarantee. Designed for use with tiled floors, it is available with a choice of stylish grill finishes, to suit almost any application.

## KEY FEATURES

- Horizontal or Vertical Outlet
- 50mm Waterseal trap EN274-1:2002
- Flow rate up to 24 L/min
- Lifetime Guarantee
- Minimum height 38mm with Extra Shallow Brackets
- Minimum height 138mm with Std. Brackets
- 360° Rotatable outlet
- Adjustable trap outlet
- Height adjustable brackets
- Height adjustable grill and choice of finishes



DIMENSION A : MIN. 138mm MAX. 255mm (Extension brackets available) drawn as 150mm.

SOLO4 TILED

# HOW TO BUILD YOUR DRAIN

Start with the bracket type, selecting the required height, then choose the outlet position, horizontal or vertical. To finish simply add the desired choice of grill.

## DRAIN BODY



### Type of trap

- Horizontal Outlet
- Vertical Outlet

See page 6 for full details

### Bracket type

- Standard Height
- Extra Shallow Height

See below for full details

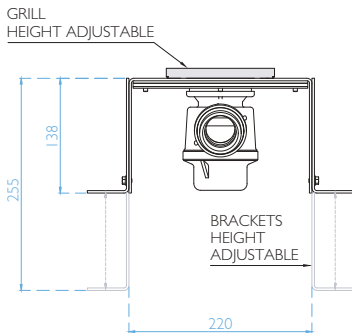
## I.4

## BRACKET TYPE

### HORIZONTAL TRAP

#### Standard Bracket

Adjustable between 138mm - 255mm.

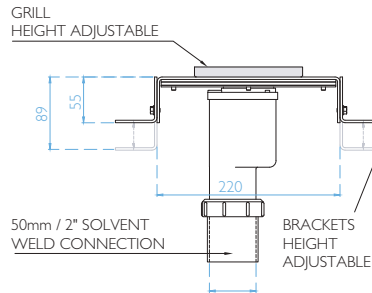


### VERTICAL TRAP

(available in two options)

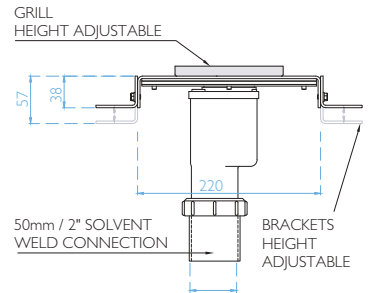
#### Standard Bracket

Adjustable between 55mm - 89mm.



#### Extra Shallow Bracket

Adjustable between 38mm - 57mm.



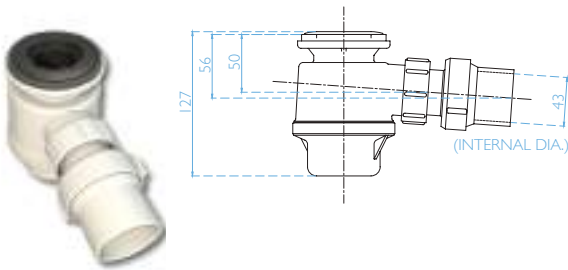
See page 8 for product codes.

# TRAP OUTLETS

## HORIZONTAL TRAP

The horizontal trap incorporates an adjustable ball joint, allowing for ease of installation and is accessible from the top for cleaning and maintenance.

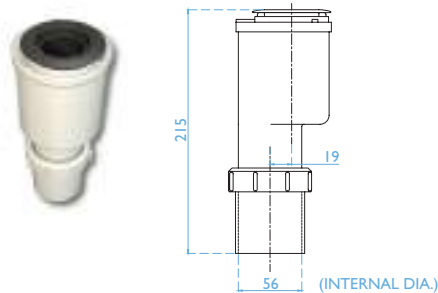
- 50mm Waterseal
- 40mm ABS pipe connection



## VERTICAL TRAP

The vertical trap allows the outlet to be positioned through the slab and connected to a waste pipe below and is accessible from the top for cleaning and maintenance.

- 50mm Waterseal
- 50mm ABS pipe connection



# GRILL FINISH

The grill is available in various different finishes.

All are manufactured in 316 marine grade stainless steel, ensuring a stunning high quality finish.

Type A - Solid Grill is supplied as standard unless otherwise specified.

### Type A - Solid

Grained stainless steel with a 3mm gap around the grill for a sleek stylish finish.

TYPE A



### Type B - Slotted

Oblong Slots with a brushed stainless steel finish.

TYPE B



### Type S12 - Stone-Infill

Stone-Infill grill allows a section of matching stone or tile to be inserted, providing contemporary continuous look.

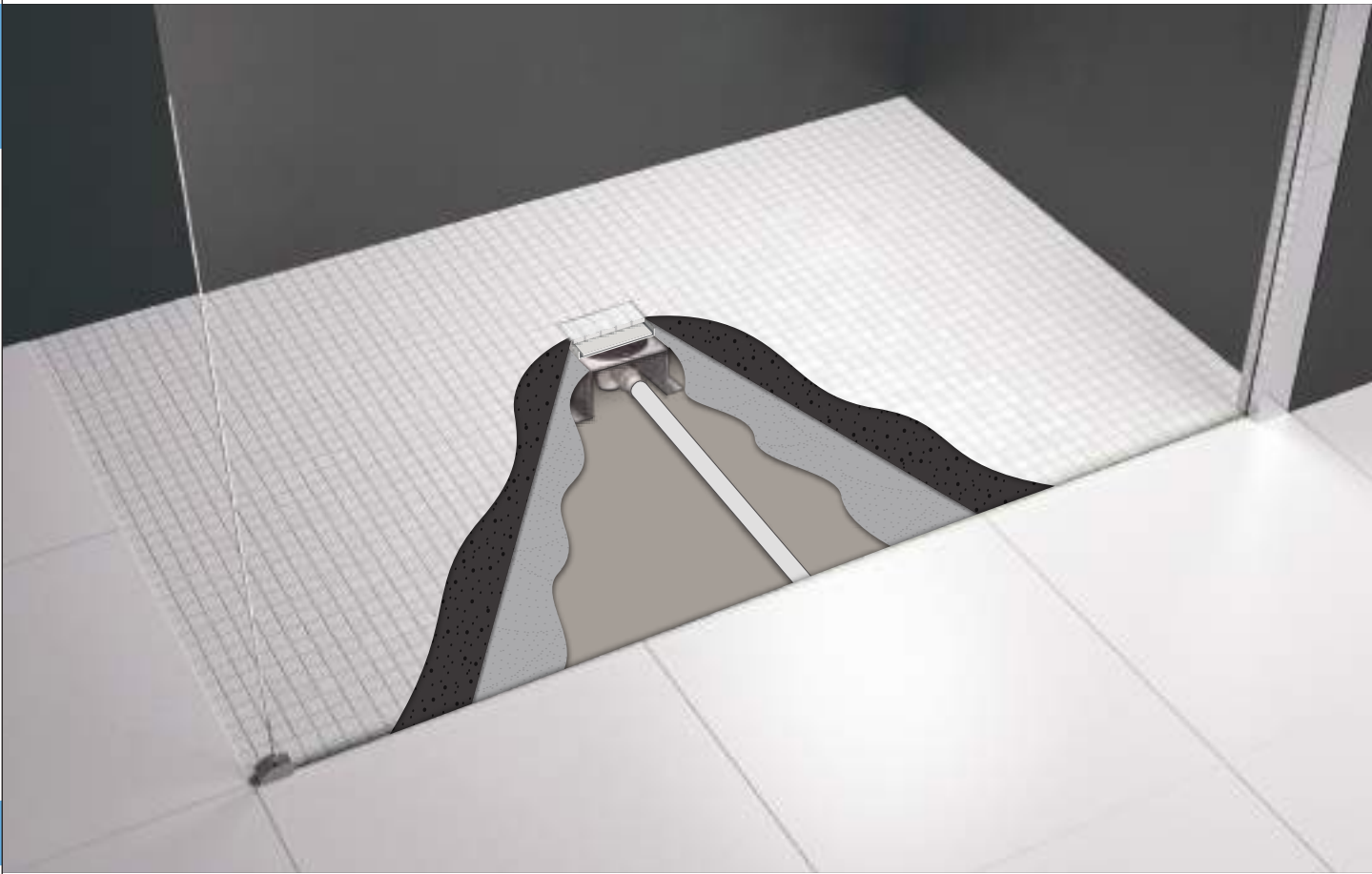
*Suits 10-12mm tile thickness.*

TYPE S12

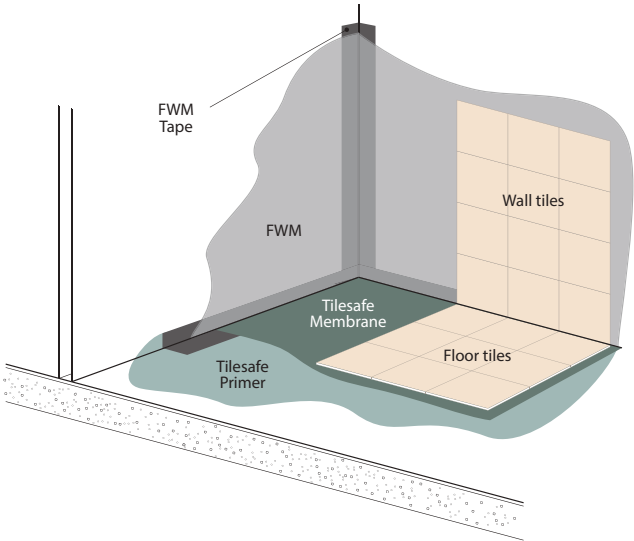


See page 8 for product codes.





## WATERPROOFING



Waterproofing is one of the key elements of any wetroom, ensuring the room remains watertight at all times. To ensure your project is fully covered by our Lifetime Guarantee we have developed a range of unique waterproofing solutions, specifically designed and guaranteed to work with our Solo4 drain, to provide a complete solution and total peace of mind.

- Floor and wall membrane
- De-coupling properties
- Acoustic properties
- Quick and easy to apply
- Lifetime Guarantee


See Section 3 for full details.



# PRODUCT CODES - DRAIN BODY


## DRAIN BODY WITH HORIZONTAL TRAP



BRACKET	DRAIN & FLOW RATE	TRAPS	CODE
standard	 24 L / min	1	S4D-H/ST

## DRAIN BODY WITH VERTICAL TRAP



BRACKET	DRAIN & FLOW RATE	TRAPS	CODE
standard	 24 L / min	1	S4D-V/ST



extra shallow	 24 L / min	1	S4D-V/ES
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# PRODUCT CODES - GRILL

## SQUARE GRILL



TYPE	SIZE	CODE
TYPE A	130 x 130mm	S4D-SG/A



TYPE B	130 x 130mm	S4D-SG/B
--------	-------------	----------

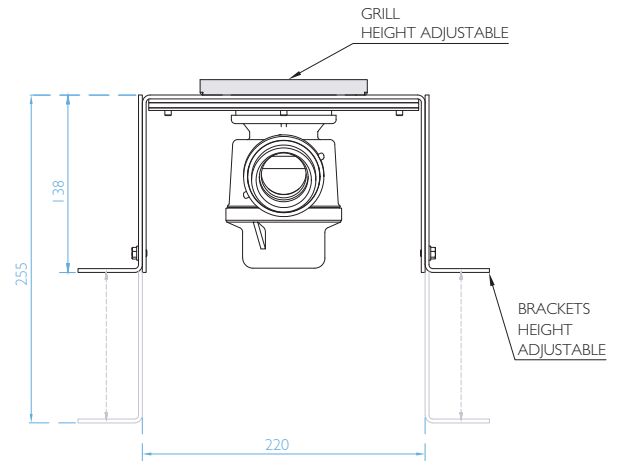


TYPE S12	130 x 130mm	S4D-SG/S12
----------	-------------	------------

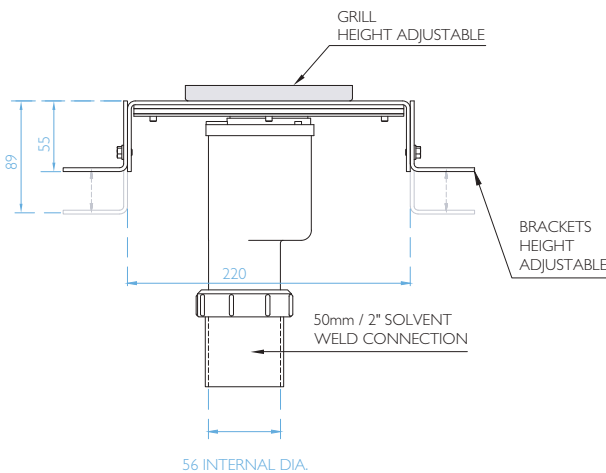
# TYPICAL DETAIL

- Horizontal or Vertical Outlet
- 50mm Waterseal trap EN274-1:2002
- Flow rate up to 24 L/min
- Lifetime Guarantee
- 360° Rotatable outlet
- Adjustable trap outlet
- Height adjustable brackets
- Height adjustable grill and choice of finishes

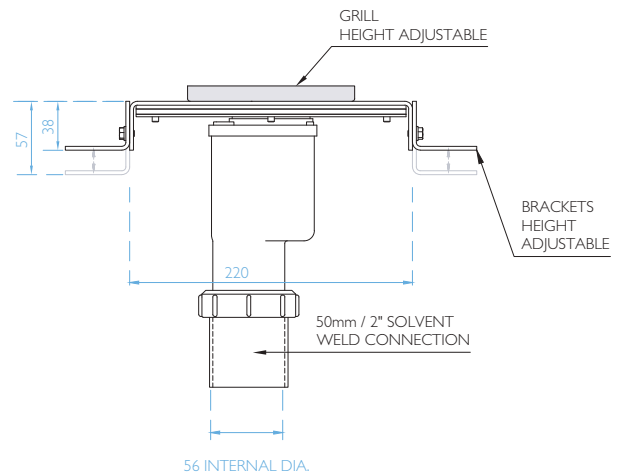
## STANDARD BRACKETS - HORIZONTAL



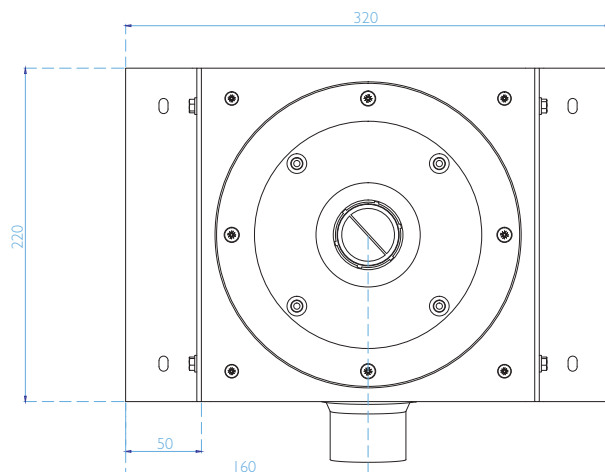
## STANDARD BRACKETS - VERTICAL



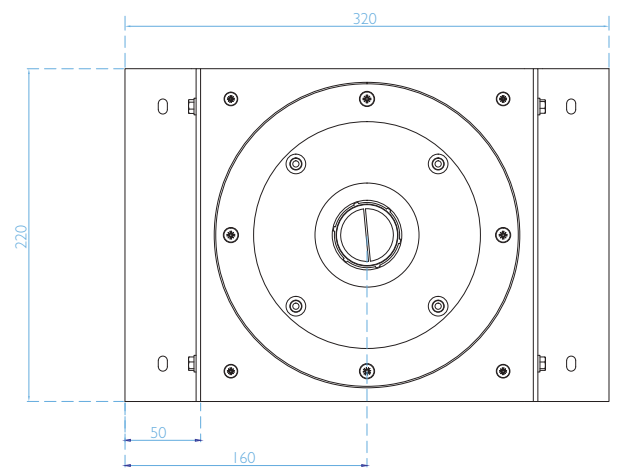
## EXTRA SHALLOW BRACKETS - VERTICAL



## PLAN VIEW - HORIZONTAL TRAP



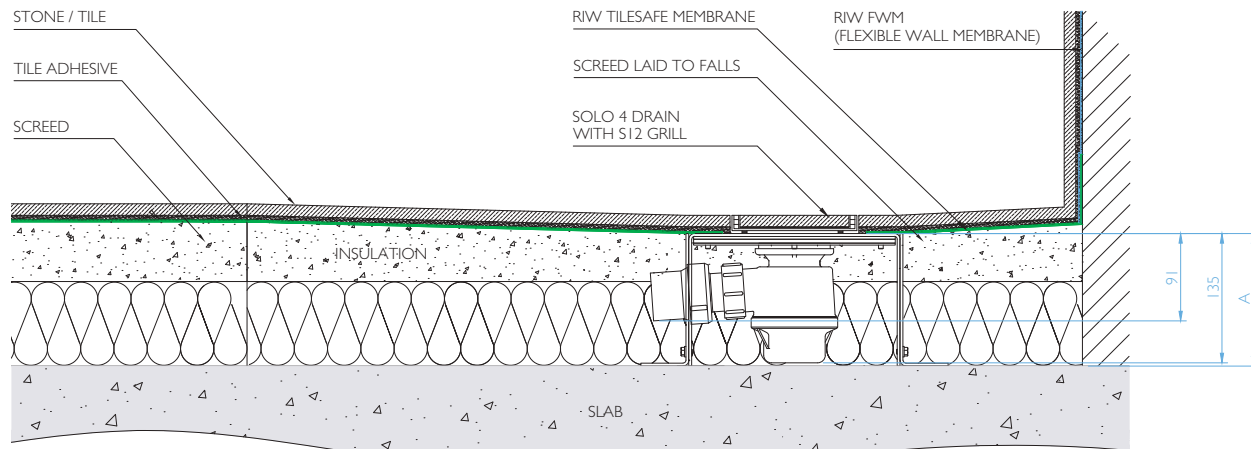
## PLAN VIEW - VERTICAL TRAP



# TYPICAL DETAIL

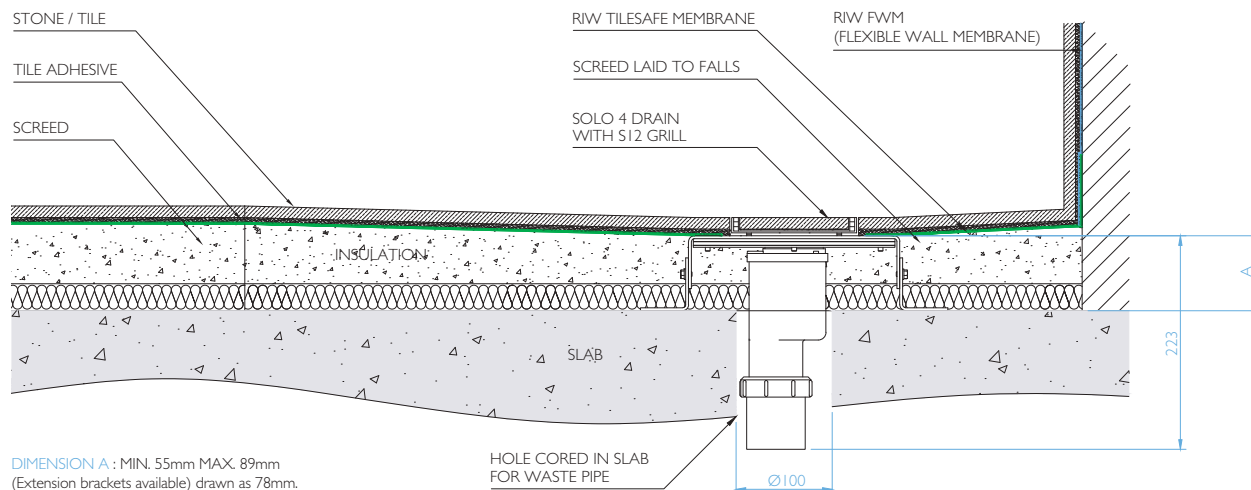
SOLID  
FLOOR

## FLOOR BUILD UP - STANDARD BRACKETS - HORIZONTAL



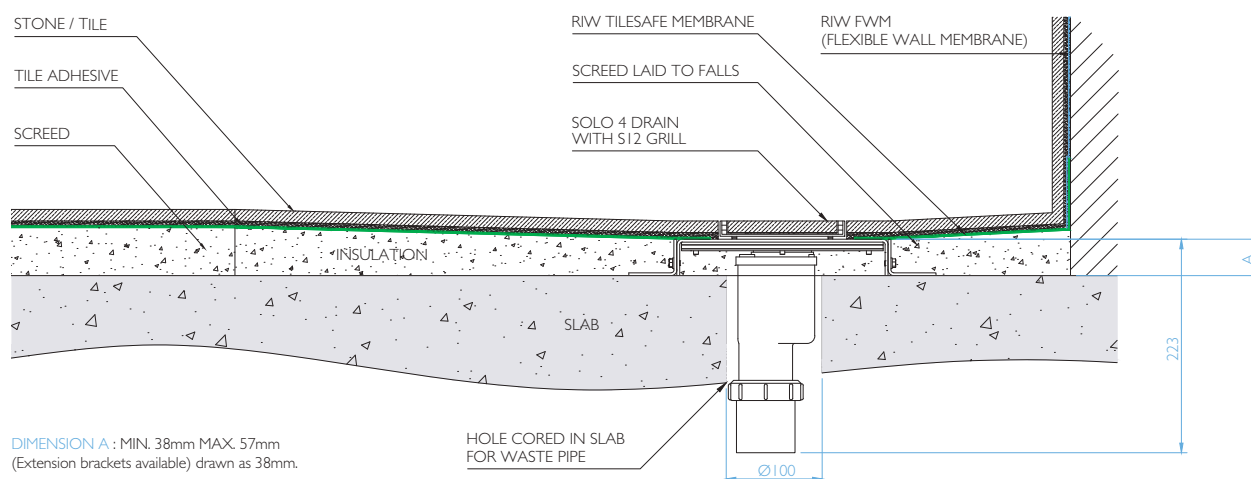
DIMENSION A : MIN. 138mm MAX. 255mm  
(Extension brackets available) drawn as 138mm.

## FLOOR BUILD UP - STANDARD BRACKETS - VERTICAL



DIMENSION A : MIN. 55mm MAX. 89mm  
(Extension brackets available) drawn as 78mm.

## FLOOR BUILD UP - EXTRA SHALLOW BRACKETS - VERTICAL



DIMENSION A : MIN. 38mm MAX. 57mm  
(Extension brackets available) drawn as 38mm.

1.4

SOLO4 TILED



## SECTION 2 - TIMBER FLOORS

---

### 2.2 MODULAR WET-FLOOR

### 2.2



# Modular Wet-Floor

The Modular Wet-Floor system is a unique concept in wetroom technology that can be used in a number of configurations to create a wetroom on a timber floor.

The system is versatile and cost effective and can be installed with the linear drain in either the centre of the shower area, or neatly positioned against the wall. Consisting of three main elements, the Modular Wet-Floor 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.



TIMBER  
FLOOR

2.2

MODULAR WET-FLOOR

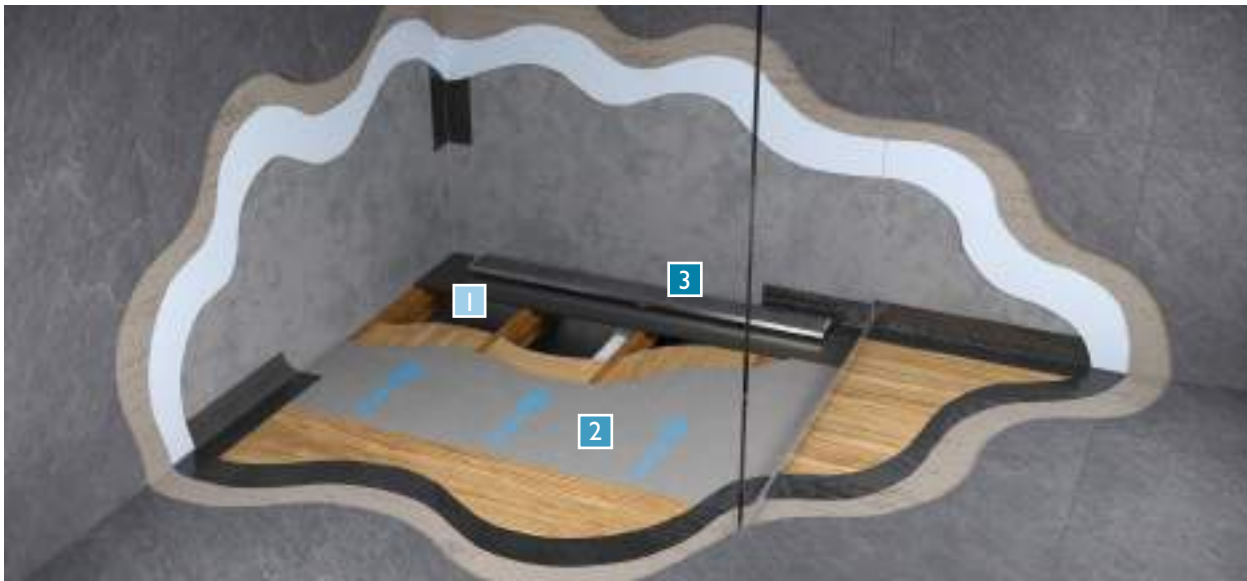




# INTRODUCTION



TIMBER  
FLOOR



The Modular Wet-Floor system comprises of three main elements:

- 1 Drainage Component
- 2 Tapered Board
- 3 Floor/Wall Grill



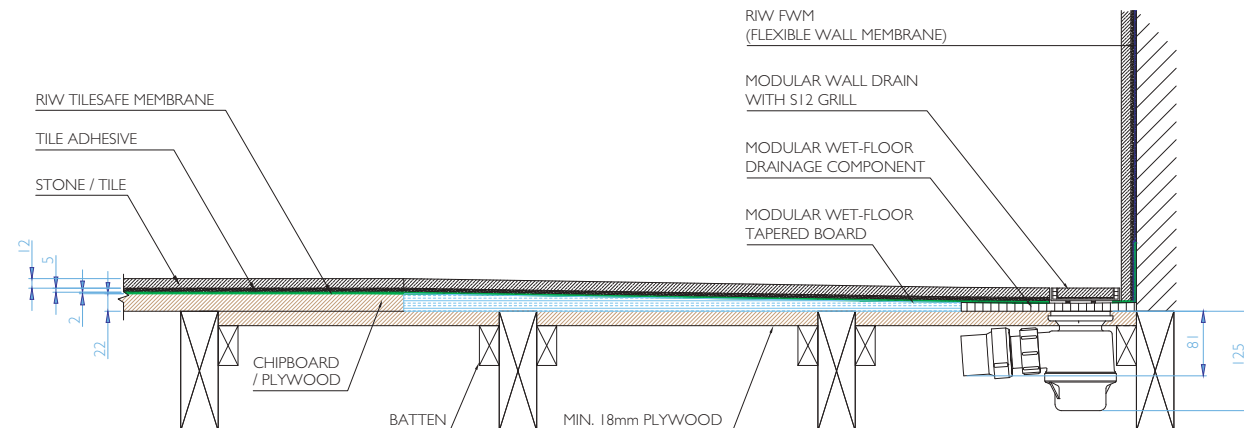
2.2

The Modular Wet-Floor system has been designed specifically for use on timber floors. It is a totally unique concept in wetroom technology, that can be used to create an almost infinite number of configurations, using three core components.

Start by selecting the Drainage Component, then add the required number of Tapered Boards to create the desired

shower area. Then simply choose the appropriate Wall or Floor Grill to suit your layout.

The system is versatile and cost effective, allowing a linear drain to be neatly positioned up against the wall, just off the wall or in the centre of the shower. The Drainage Component and Tapered Boards can be easily trimmed on site, making the whole system quick and easy to install.



## KEY FEATURES

- Unlimited choice of layouts
- Shower area of any size
- Quick and easy to install
- Available with standard bottle trap or **LO-SEAL** waterless trap
- Centre, left or right handed trap position
- 360° rotatable outlet
- Flow rate up to 70 L/min <sup>#1</sup>
- BBA approved <sup>#2</sup>
- Lifetime Guarantee
- Height adjustable grill
- Grill lengths up to 2000mm
- **FAST TRACK** bespoke service – delivered in 3-4 days

## 2.2

<sup>#1</sup> See pages 10 & 11 for details

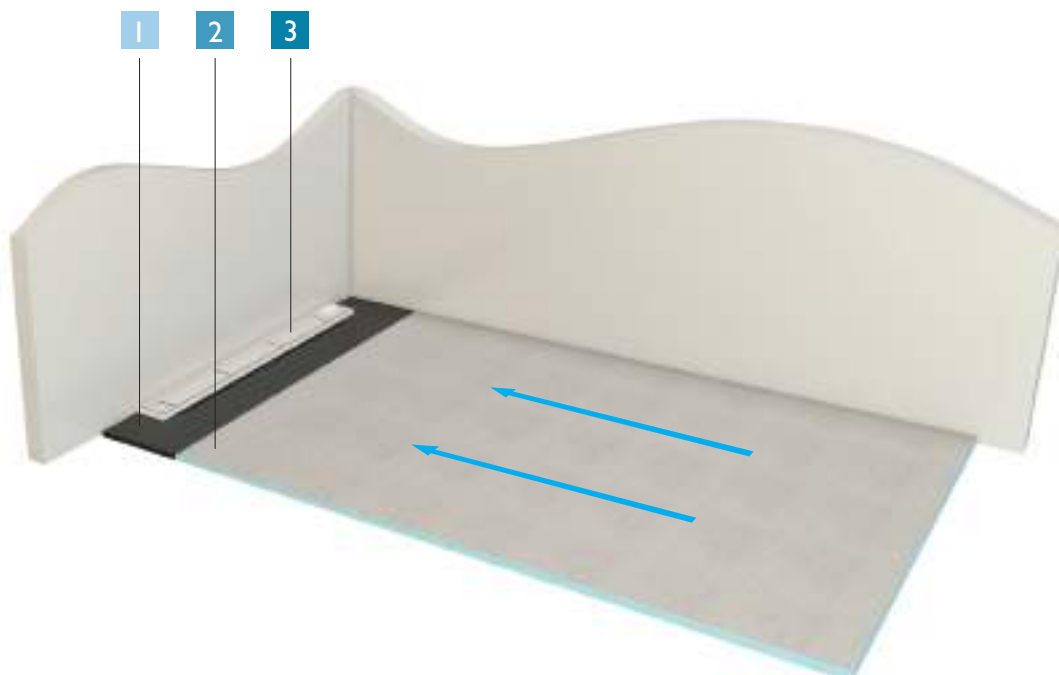
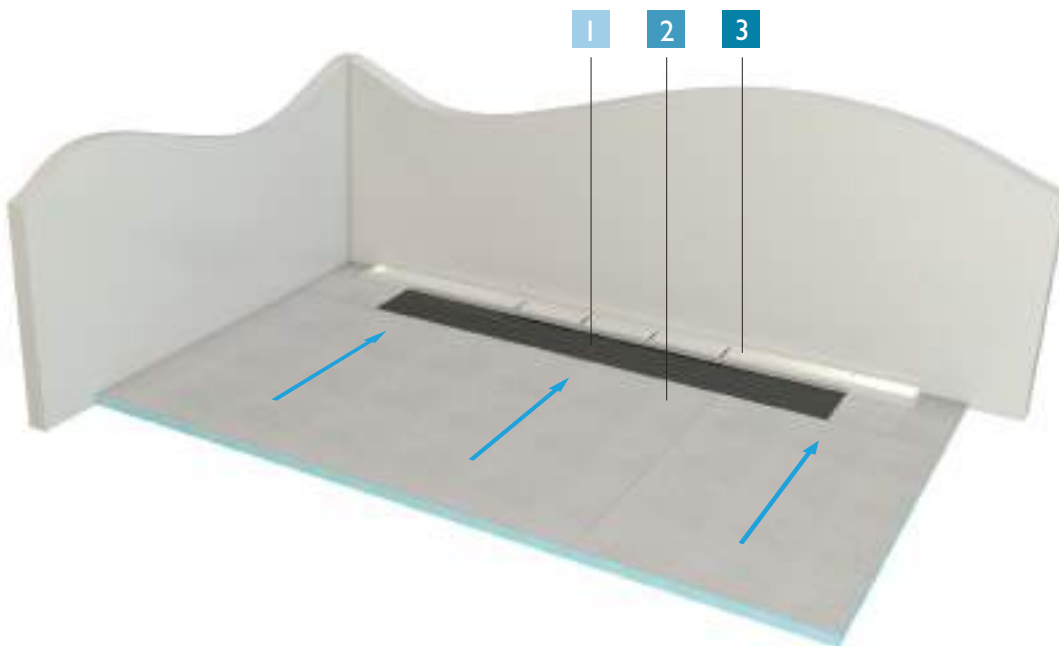
<sup>#2</sup> Lo-Seal waterless trap only, see page 11 for details

# MODULAR WET-FLOOR COMPONENTS

There are three main components required to specify a Modular Wet-Floor system – the Drainage Component, Tapered Board and the Wall or Floor Grill.

The Drainage Component and Tapered Board can be easily trimmed on-site to ensure the perfect fit. The grill is available in lengths from 600mm – 2000mm.

- 1** Select the required number of Drainage Components.
- 2** Select the required number of Tapered Boards.
- 3** Select the appropriate Floor or Wall Grill, along with the correct number of traps depending on the required flow rate.

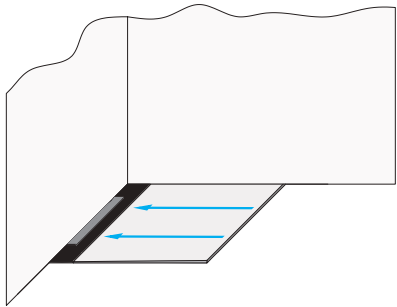


# TYPICAL LAYOUTS

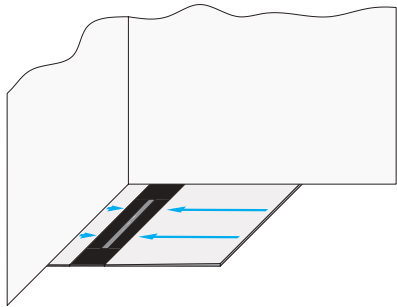
The Modular Wet-Floor system is extremely versatile and can be installed in an almost infinite number of configurations. The following examples show some of the

more common layouts that can be achieved. For further assistance please contact our technical team who will be pleased to advise.

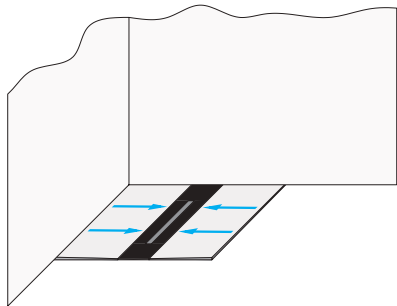
Layout MWF1



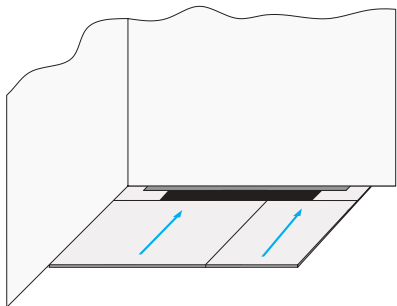
Layout MWF2



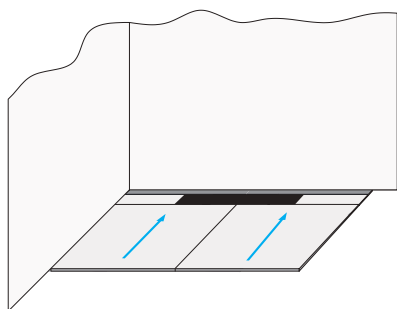
Layout MWF3



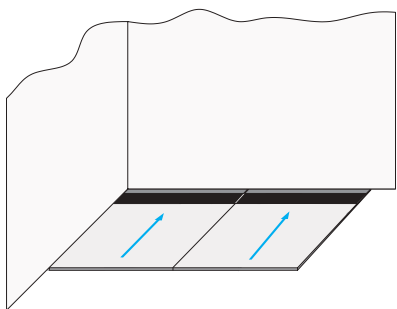
Layout MWF4



Layout MWF5



Layout MWF6



When used up against the wall, the Drainage Component should be trimmed by 80mm from the back edge along the marked 'cut line', using either a hand saw or skill saw. See pages 24 and 25 for details.

# HOW TO SPECIFY

To specify your Modular Wet-Floor system, you will need to determine the layout of your Wetroom, by using the following:

- The overall size of the shower area
- Type of gradient i.e. one-way or two-way towards the drain
- Length of the linear drain
- Is the drain against the wall (Wall Grill) or off the wall (Floor Grill)
- Single, Double or Triple Trap (depending on your flow rates)
- Grill type i.e. A, B, C, S8, S12, S20 or F (see page 17 for details)

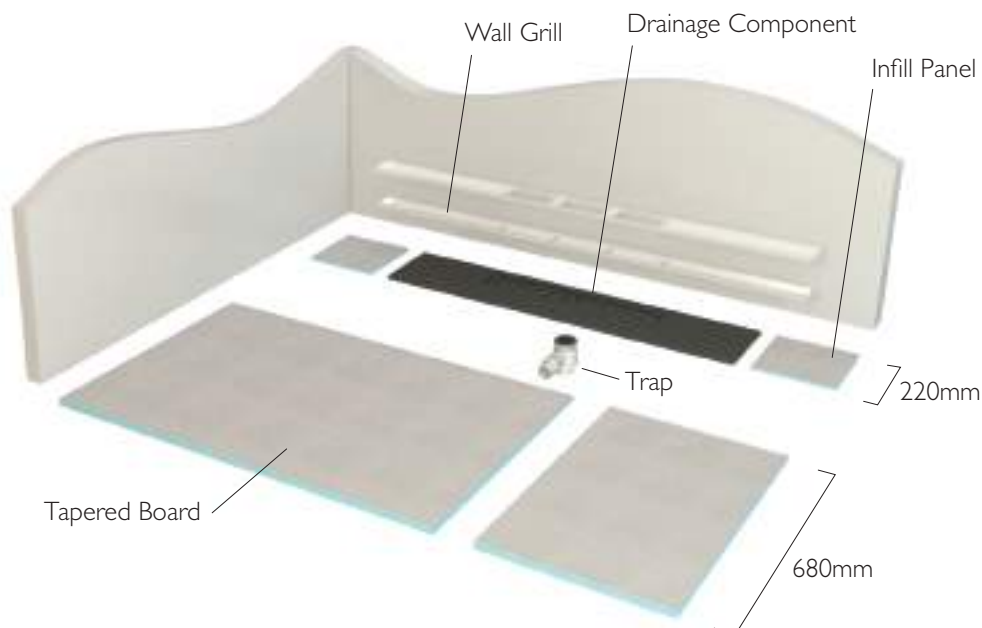
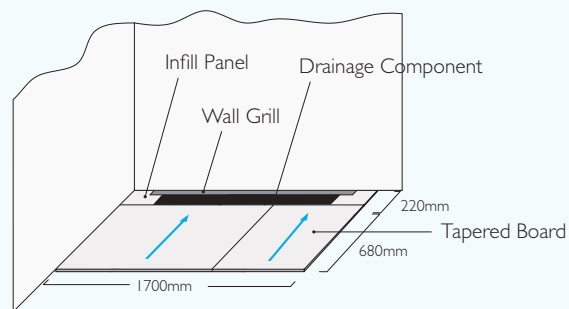
Then simply follow the three step process:

- 1 Select the required number of Drainage Components and Traps
- 2 Select the required number of Tapered Boards
- 3 Select the required Floor or Wall Grill

For example, below is a list of items required for Layout MWF4 (from page 8):

- 1 x Drainage Component\*
- 1 x Single Horizontal Trap
- 1 x Infill Panel\*
- 2 x 700mm x 1200mm Tapered Board\*
- 1 x 1500mm Wall Grill S8

\* Trimmable on-site



## 2.2

# DRAINAGE COMPONENT

## DRAINAGE COMPONENT WITH WATERSEAL TRAP

The Drainage Component is the central element of the Modular Wet-Floor System, once its position is decided, the remainder of the system is built around it. Forming a base for the Linear Grill, the Drainage Component has a built in 1mm fall.

It can be positioned neatly up against the wall, just off the wall or in the centre of the shower.

- 50mm Waterseal
- 360° Rotatable outlet
- Centre, left and right handed trap position
- Top access for easy maintenance
- Flow rate up to 68 L/min <sup>‡1</sup>
- Lifetime Guarantee
- Horizontal or Vertical outlet
- Trimmable



24 L / min



41 L / min



68 L / min

### Single Trap

- Flow rate up to 24 L/min <sup>‡1</sup>
- Variable trap position (centre shown)
- Left and right handed option also available
- Outlet position rotates through 360°

### Double Trap

- Flow rate up to 41 L/min <sup>‡1</sup>
- For medium-high performance showers
- Variable trap position (centre, left or right)
- Outlet position rotates through 360°

### Triple Trap

- Flow rate up to 68 L/min <sup>‡1</sup>
- For high performance showers
- Outlet position rotates through 360°



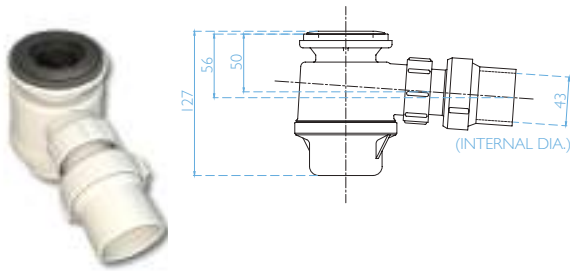
<sup>‡1</sup> Flow rates indicated are a guide only, based upon 42mm waste pipe and swept bends. See pages 18 for product codes.

# DRAINAGE COMPONENT

## HORIZONTAL TRAP

The horizontal trap incorporates an adjustable ball joint, allowing for ease of installation..

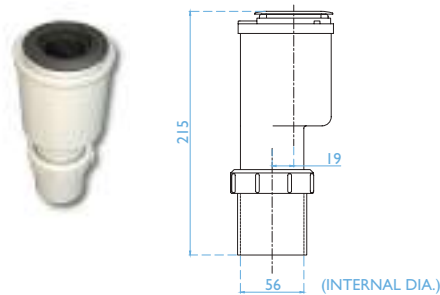
- 50mm Waterseal
- 40mm ABS pipe connection



## VERTICAL TRAP

The vertical trap allows the outlet to be positioned through the floor and connected to a waste pipe below.

- 50mm ABS pipe connection
- 50mm Waterseal

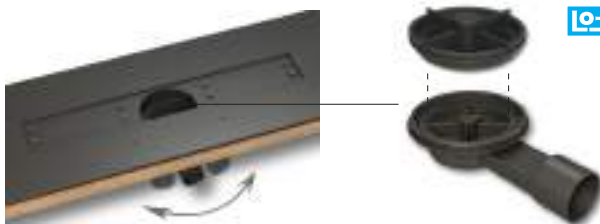


## DRAINAGE COMPONENT WITH WATERLESS TRAP

The unique Lo-Seal waterless trap has been specially designed with a spring-loaded mechanism, which keeps the trap closed when not in use.

This ensures that even when left unused for prolonged periods of time, the trap cannot dry out, making it ideal for situations where the shower is not in everyday use. At only 67mm it is suitable for shallow floor build-ups or plinths.

- Easy to clean and replace trap
- Trap remains closed when not in use
- No odours or gasses entering the room
- No siphoning of the trap
- 360° rotatable outlet
- Centre, left or right handed trap position
- BBA Approved
- Flow rate up to 70 L/min <sup>‡1</sup>
- Lifetime Guarantee



**LO-SEAL** Trap



55mm



29 L / min

56 L / min

70 L / min

### Single Trap

- Flow rate up to 29 L/min <sup>‡1</sup>
- Centre trap position (shown)

### Double Trap

- Flow rate up to 56 L/min <sup>‡1</sup>
- For medium-high performance showers

### Triple Trap

- Flow rate up to 70 L/min <sup>‡1</sup>
- For high performance showers
- Outlet position rotates through 360°

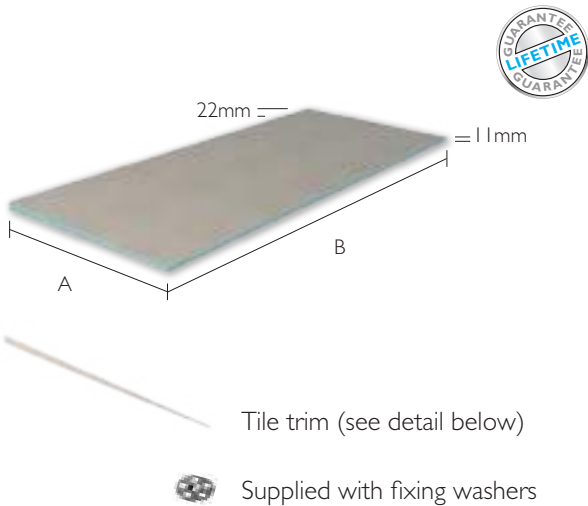


# TAPERED BOARD

The Tapered Boards are manufactured using a high density XPS core with a mineral coating, making them lightweight and easy to handle, whilst maintaining good thermal properties and compressive strength.

Each Tapered Board is 22mm thick with a built-in 11mm fall to ensure a guaranteed consistent gradient every time. Available in 9 lengths (Dimension A), all sizes are

1200mm wide (Dimension B), and can be easily trimmed to size. The Tapered Board can be used to create either a one-way fall towards the wall, or a two-way fall with the drain just off the wall or in the centre of the shower. Two or more Tapered Boards can also be used together to create a larger wetroom area. A 600mm x 300mm infill panel is available for use in certain configurations (see page 13).



## KEY FEATURES

- Pre-engineered gradient 22mm to 11mm
- Use to create one and two-way fall showers
- Trimmable
- Quick and easy to install
- Provides a perfect finish for tiling
- Ideal for large format tiles
- Use two or more to create a shower area of any size
- Lifetime Guarantee

2.2

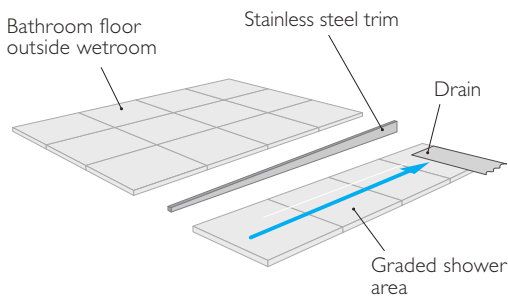
## TRIMMABLE



Easily trimmed on either the length (Dimension A) or the width (Dimension B), the Tapered Board can be cut to size to suit almost any shower layout.

See page 19 for codes.

## TILE TRIM

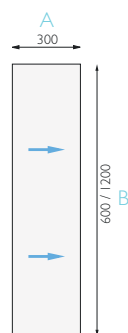


The Tile Trim provides a stylish brushed stainless steel finish to the edge of the tile where the Tapered Board meets the remainder of the bathroom floor.

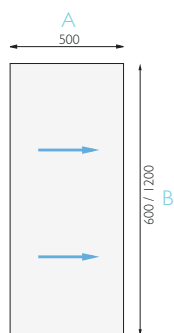
See page 19 for codes.



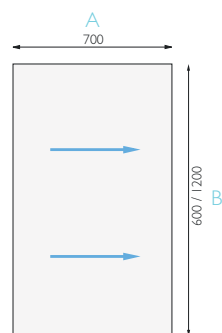
# TAPERED BOARD SIZES



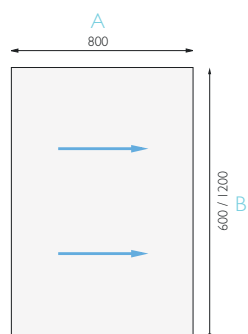
MTB-03



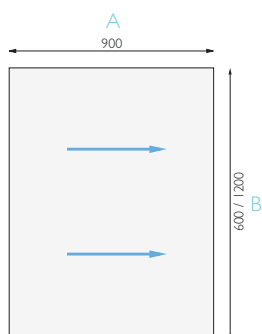
MTB-05



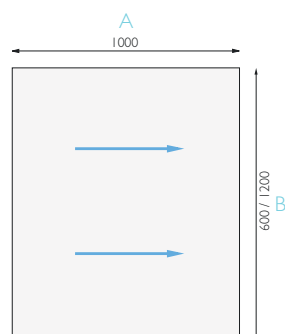
MTB-07



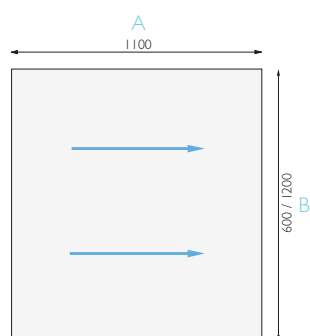
MTB-08



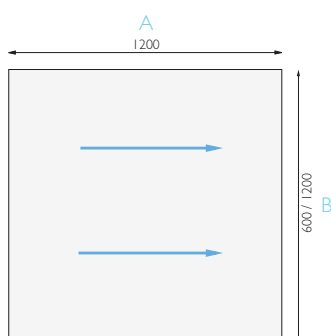
MTB-09



MTB-10



MTB-11



MTB-12

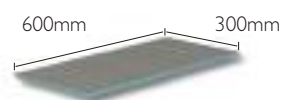


MTB-15

Dimension B also available as 600mm - see P19

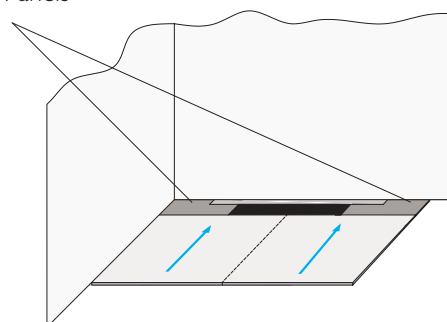
## INFILL PANEL

Infill Panels are used to fill in either side of the Drainage Component where the shower width exceeds 1200mm.



See page 19 for codes.

Infill Panels



# GRILL TYPE - WALL OR FLOOR

There are two types of grills available with the Modular Wet-Floor, and both fit onto the drain body using 8 preset fixing points.

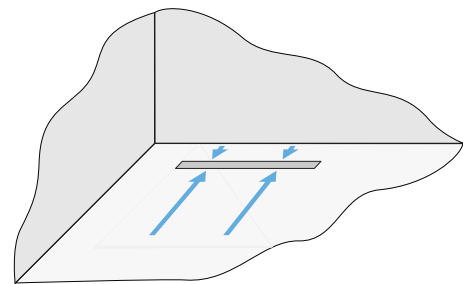
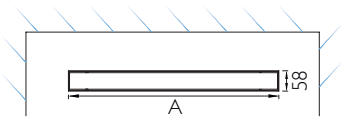
Both the Floor Grill and Wall Grill are independently height adjustable, enabling the grill to be positioned precisely to suit the tile thickness being used.

The final position of the Wall Grill is also independently width adjustable by up to 38mm, allowing the grill to be neatly positioned up against the wall tile, after the drain body has been installed, for a perfect finish every time.

All grills are manufactured in 316 marine grade stainless steel ensuring a stunning high quality durable finish.

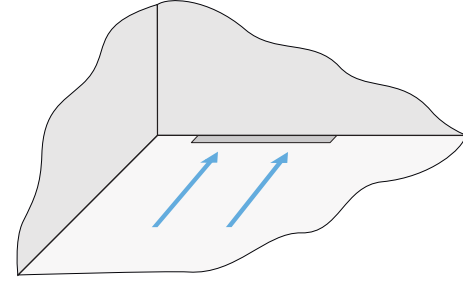
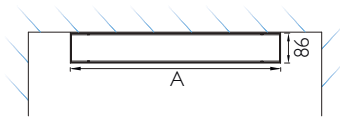
## FLOOR GRILL

The centre point of the Floor Grill is typically positioned 150mm from the wall, to create a two-way fall within the shower. **Grill width 58mm.**



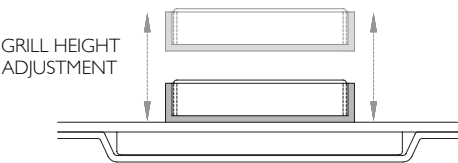
## WALL GRILL

The Wall Grill is positioned neatly up against the wall, to create a one-way fall within the shower. **Grill width 86mm.**



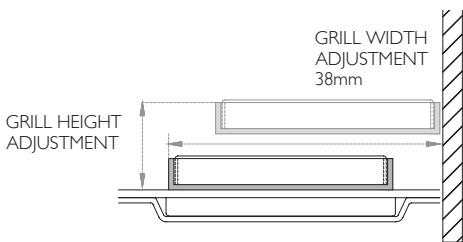
## HEIGHT ADJUSTMENT

The Floor Grill is independently height adjustable in 1mm increments to suit different tile thicknesses.



See page 20 for product codes.

The Wall Grill is independently height adjustable in 1mm increments to suit different tile thicknesses. The final position of the Wall Grill is also independently width adjustable by up to 38mm.

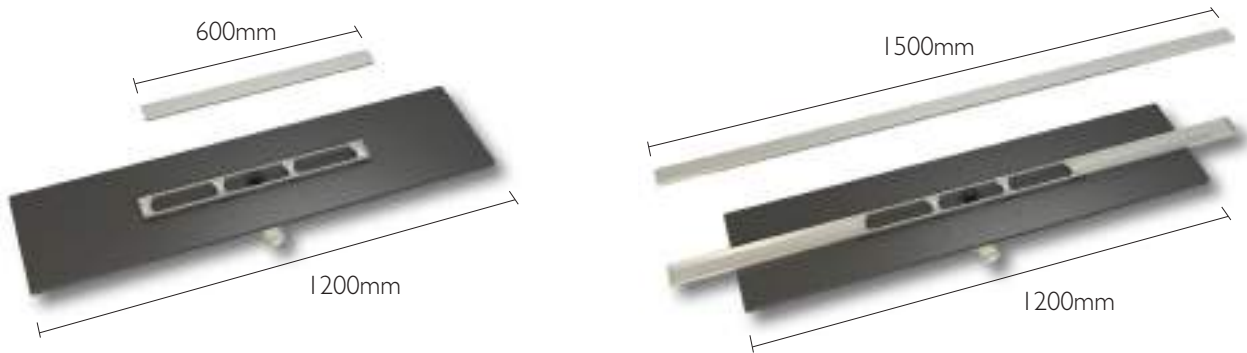


# GRILL LENGTH

All grill finishes are offered in 15 standard lengths ranging from 600mm to 2000mm, with the majority available from stock on a next day delivery service.<sup>‡1</sup>

Where a standard grill length is not suitable we offer a **FAST TRACK** bespoke design service, manufactured and delivered in as little as 3-4 days. See below for further details.

The drainage component is always installed first, prior to the application of the waterproofing membrane, with the grill installed at the point of tiling. Regardless of the length of grill, the drainage component always remains the same at 1200mm. Where the grill length exceeds 1200mm the ends of the grill overhang the drain body and are supported with tile adhesive - see image below.



The following standard grill lengths are available:

- |          |          |          |          |          |
|----------|----------|----------|----------|----------|
| • 600mm  | • 700mm  | • 800mm  | • 900mm  | • 1000mm |
| • 1100mm | • 1200mm | • 1300mm | • 1400mm | • 1500mm |
| • 1600mm | • 1700mm | • 1800mm | • 1900mm | • 2000mm |

<sup>‡1</sup> Excludes grill types B & C greater than 1500mm.

For grill types S & F greater than 1500mm, the insert is supplied in two equal sections.

Offset grill position available as a bespoke - see below for details.

## FAST TRACK BESPOKE

Where a standard grill length is not sufficient to meet the requirements of a project, such as when designing the drain to fit exactly between two walls, a bespoke length may be required.

We understand the exact grill length required may not be known until the shower has been tiled, therefore to meet such requirements we offer a unique **FAST TRACK** production service, where we can manufacture and deliver a bespoke length grill in 3-4 days.

We can achieve this due to the unique design of our drain, with the drain body supplied separately, and the grill to follow.

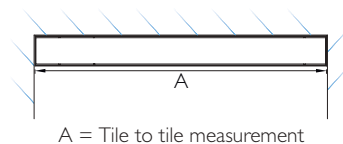
- Any length grill between 600mm-2000mm
- Manufactured and delivered in 3-4 days.
- Grill types A, S8, S12, S20 & F
- No drawing required <sup>‡2</sup>

<sup>‡2</sup> Subject to drain body being installed centrally within the shower area.

## BESPOKE GRILL DESIGN

We also offer a bespoke design service where we can manufacture a grill to a specific width or height, or to a completely unique design, usually within 2-3 weeks. Please contact our technical team for further information.

### Wall to wall grill



Where a wall to wall grill finish is required, it is recommended to take a measurement on-site from the face of the wall tiles, therefore ensuring there are no gaps either side of the grill. The grill is manufactured and delivered in 3-4 days using our **FAST TRACK** grill service.

See page 20 for product codes.



**FRAMELESS GRILL**

With only a shadow gap visible around the perimeter of the drain, the stunning Frameless Grill ensures water drains effortlessly away, providing a sleek, contemporary finish to any room.

Frameless design complements all brassware finishes.

# GRILL FINISH

Ultimately the grill finish is the only visible element of our wetroom system and as such, is often the defining factor of the overall design.

From the contemporary Stone-Infill or ultra-stylish Frameless, to the simplicity of the brushed stainless steel, we have a grill finish to complement any design style.

We manufacture all of our grills using only 316 marine grade stainless steel, ensuring a stunning high quality durable finish, complete with our Lifetime Guarantee.

The grill insert is easily removed for cleaning and maintenance, using the key provided with the grill.



## BRUSHED STAINLESS STEEL

- Choice of designs in a metallic finish.

### Type A - Solid

With a 5mm gap around the grill for a sleek stylish finish.

Type A



### Type B - Slotted

Holes with a brushed stainless steel finish.

Type B



### Type C - Square

Designed with a brushed stainless steel finish.

Type C



## STONE-INFILL

- Allows a section of matching stone or tile to be inserted.



### Type S8 - Stone-Infill ‡¹

Suits 6-8mm stone thickness.

Type S8



### Type S12 - Stone-Infill ‡¹

Suits 10-12mm stone thickness.

Type S12



### Type S20 - Stone-Infill ‡¹

Suits 18-20mm stone thickness.

Type S20



## FRAMELESS

- Ensures a stunning almost invisible finish, using a section of matching stone or tile. Frameless design complements all brassware finishes.

### Type F - Frameless Grill ‡¹

Suits any stone thickness.

Type F



Stock lengths 600mm - 2000mm. Bespoke lengths manufactured and delivered in as little as 3-4 days.

All grill finishes are kept in stock, see page 15 for available lengths and details of our bespoke manufacturing service.




See page 20 for product codes.

‡¹ For grill types S & F greater than 1500mm, the insert is supplied in two equal sections. Suitable for stone and porcelain tiles only.

# PRODUCT CODES - DRAIN BODY & BOARDS




## MWF – TR50 – HORIZONTAL TRAP



DRAIN & FLOW RATE		TRAPS	CODE
	24 L / min	1	MDC-1H
	41 L / min	2	MDC-2H
	68 L / min	3	MDC-3H




## MWF – TR50 – VERTICAL TRAP



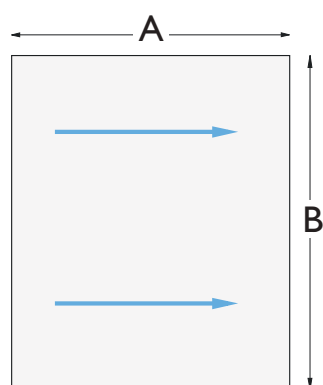
DRAIN & FLOW RATE		TRAPS	CODE
	24 L / min	1	MDC-1V
	41 L / min	2	MDC-2V
	68 L / min	3	MDC-3V

## MWF – WATERLESS TRAP



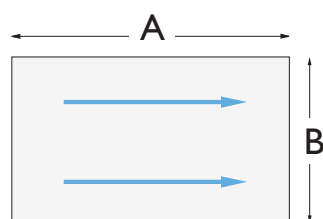
DRAIN & FLOW RATE		TRAPS	CODE
	29 L / min	1	MDC-W1
	56 L / min	2	MDC-W2
	70 L / min	3	MDC-W3

## TAPERED BOARD



Trimmable on-site

A	B	CODE
300mm	1200mm	MTB-03
500mm	1200mm	MTB-05
700mm	1200mm	MTB-07
800mm	1200mm	MTB-08
900mm	1200mm	MTB-09
1000mm	1200mm	MTB-10
1100mm	1200mm	MTB-11
1200mm	1200mm	MTB-12
1500mm	1200mm	MTB-15



Trimmable on-site

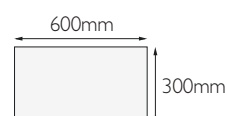
A	B	CODE
300mm	600mm	MTB-H03
500mm	600mm	MTB-H05
700mm	600mm	MTB-H07
800mm	600mm	MTB-H08
900mm	600mm	MTB-H09
1000mm	600mm	MTB-H10
1100mm	600mm	MTB-H11
1200mm	600mm	MTB-H12
1500mm	600mm	MTB-H15

## TILE TRIM



Description	CODE
For 500mm MWF Tapered Board	MTT-05
For 700mm MWF Tapered Board	MTT-07
For 800mm MWF Tapered Board	MTT-08
For 900mm MWF Tapered Board	MTT-09
For 1000mm MWF Tapered Board	MTT-10
For 1100mm MWF Tapered Board	MTT-11
For 1200mm MWF Tapered Board	MTT-12
For 1500mm MWF Tapered Board	MTT-15

## INFILL PANEL



### CODE

MIP -2

Trimmable on site

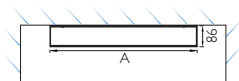




# PRODUCT CODES - GRILL

TIMBER  
FLOOR

## WALL GRILL



LENGTH	CODE
600mm	MWG-600/-
700mm	MWG-700/-
800mm	MWG-800/-
900mm	MWG-900/-
1000mm	MWG-1000/-
1100mm	MWG-1100/-
1200mm	MWG-1200/-
1300mm	MWG-1300/-
1400mm	MWG-1400/-
1500mm	MWG-1500/-
1600mm <sup>‡1,2</sup>	MWG-1600/-
1700mm <sup>‡1,2</sup>	MWG-1700/-
1800mm <sup>‡1,2</sup>	MWG-1800/-
1900mm <sup>‡1,2</sup>	MWG-1900/-
2000mm <sup>‡1,2</sup>	MWG-2000/-
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	MWG-FT/-
Bespoke <sup>‡1,2</sup>	MWG-BES/-

### GRILL FINISH

Add code for Grill Finish:

#### Stone-Infill options:

- S8** = Suits 6-8mm tile thickness
- S12** = Suits 10-12mm tile thickness
- S20** = Suits 18-20mm tile thickness
- F** = Suits any tile thickness

#### Brushed stainless steel options:

- A** = Solid
- B** = Slotted
- C** = Square

See p17 for full details.

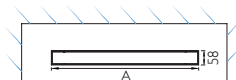
Example:

Grill Type - Grill Length / Grill Finish

MWG - 1100 / S20

2.2

## FLOOR GRILL



LENGTH	CODE
600mm	MFG-600/-
700mm	MFG-700/-
800mm	MFG-800/-
900mm	MFG-900/-
1000mm	MFG-1000/-
1100mm	MFG-1100/-
1200mm	MFG-1200/-
1300mm	MFG-1300/-
1400mm	MFG-1400/-
1500mm	MFG-1500/-
1600mm <sup>‡1,2</sup>	MFG-1600/-
1700mm <sup>‡1,2</sup>	MFG-1700/-
1800mm <sup>‡1,2</sup>	MFG-1800/-
1900mm <sup>‡1,2</sup>	MFG-1900/-
2000mm <sup>‡1,2</sup>	MFG-2000/-
<b>FAST TRACK</b> Bespoke <sup>‡3</sup>	MFG-FT/-
Bespoke <sup>‡1,2</sup>	MFG-BES/-

### GRILL FINISH

Add code for Grill Finish:

#### Stone-Infill options:

- S8** = Suits 6-8mm tile thickness
- S12** = Suits 10-12mm tile thickness
- S20** = Suits 18-20mm tile thickness
- F** = Suits any tile thickness

#### Brushed stainless steel options:

- A** = Solid
- B** = Slotted
- C** = Square

See p17 for full details.

Example:

Grill Type - Grill Length / Grill Finish

MFG - 1100 / S20

<sup>‡1</sup> For grill types B & C: 2-3 week lead-time.

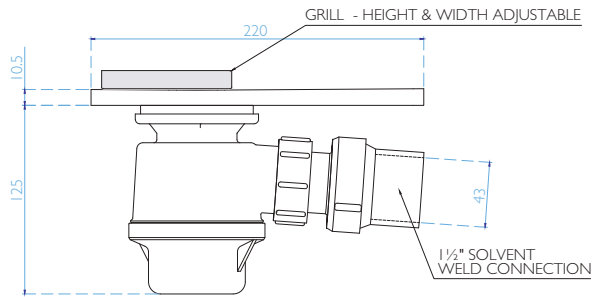
<sup>‡2</sup> For grill types S & F greater than 1500mm, the insert is supplied in two equal sections.

<sup>‡3</sup> Fast track service: Manufactured and delivered in 3-4 days, maximum length 2000mm.

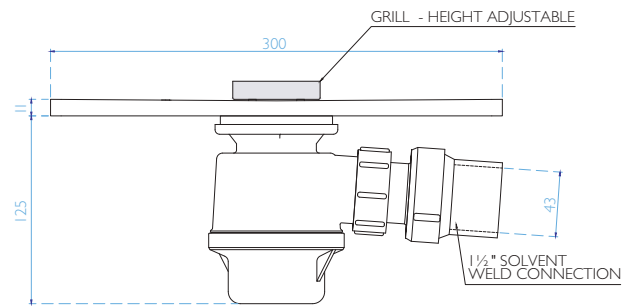


# DETAIL: HORIZONTAL TRAP

MWF TRAP HORIZONTAL - WALL

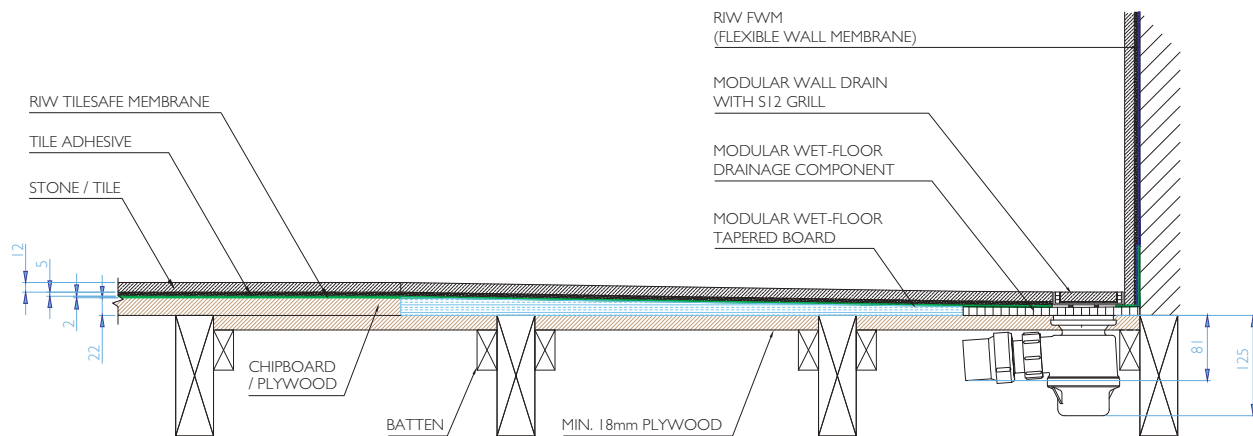


MWF TRAP HORIZONTAL - FLOOR

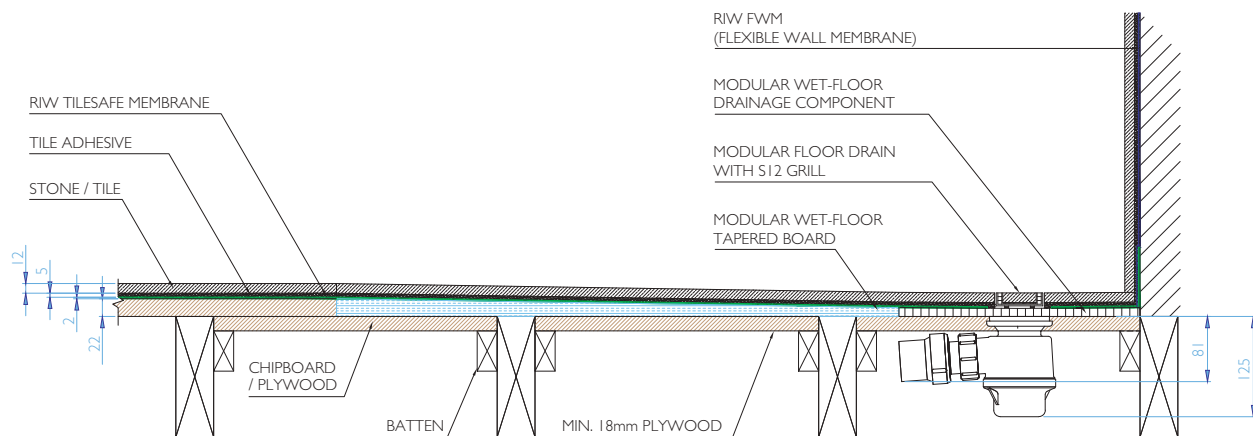


± See page 10 for details.

CROSS SECTION DRAWING - WALL

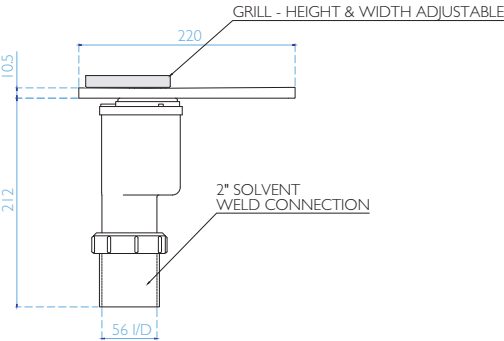


CROSS SECTION DRAWING - FLOOR

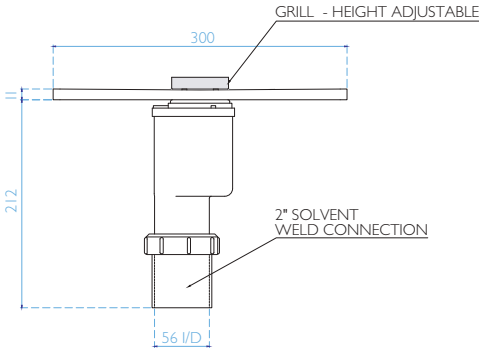


# DETAIL: VERTICAL TRAP

MWF TRAP VERTICAL - WALL

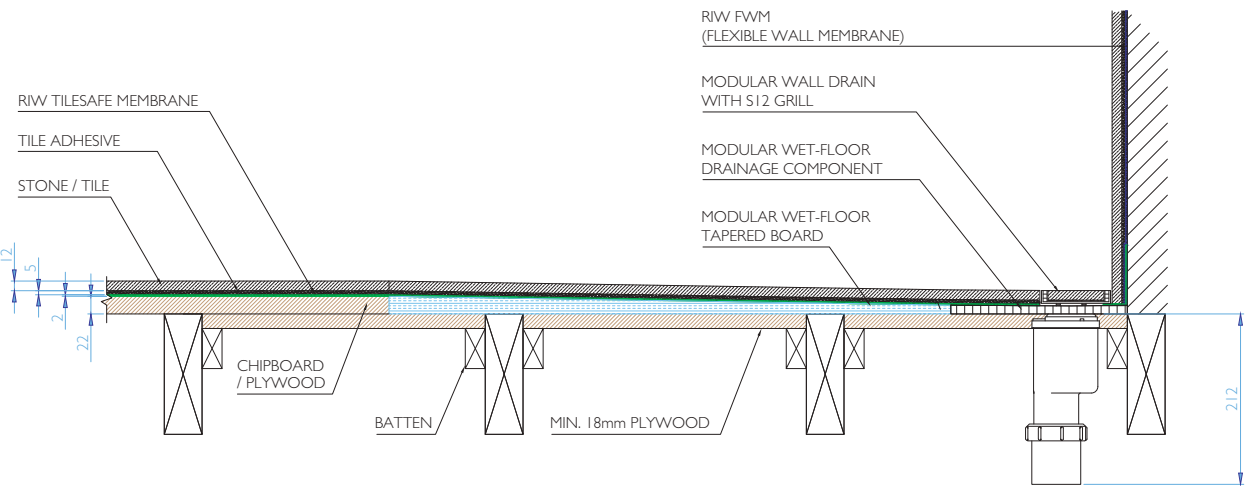


MWF TRAP VERTICAL - FLOOR

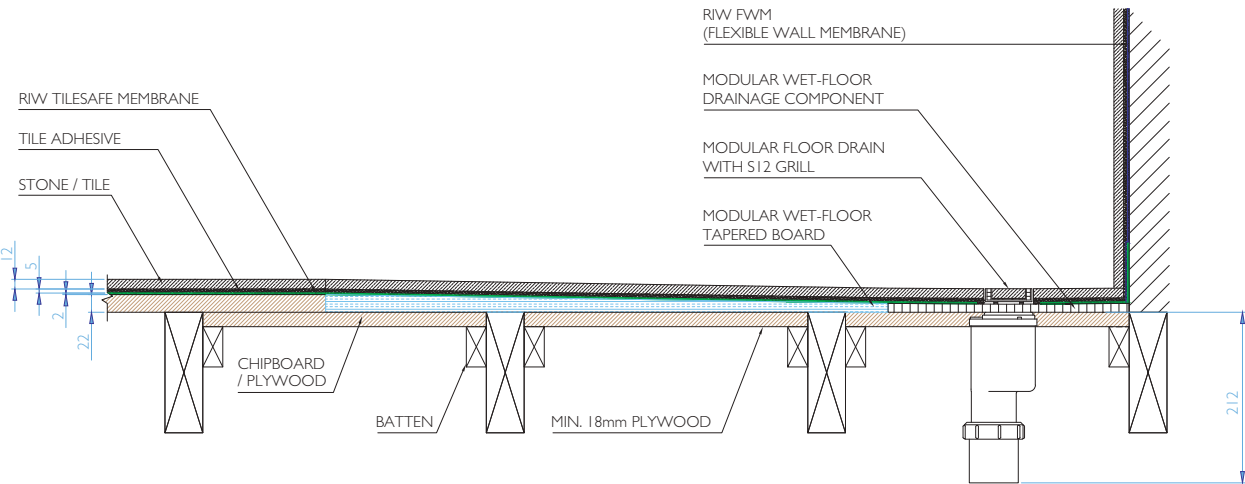


† See page 10 for details.

CROSS SECTION DRAWING - WALL

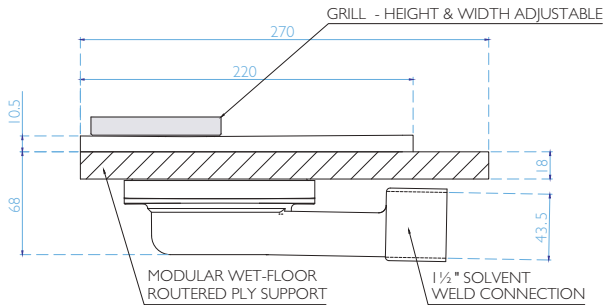


CROSS SECTION DRAWING - FLOOR

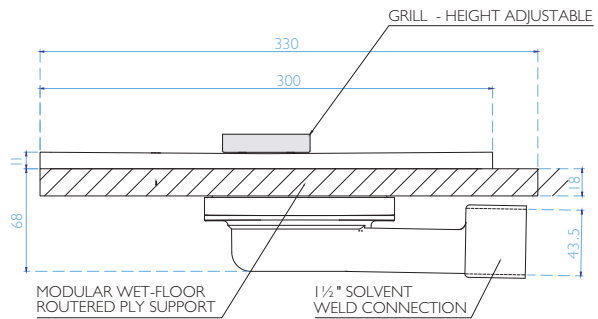


# DETAIL: WATERLESS TRAP

MWF TRAP WATERLESS - WALL

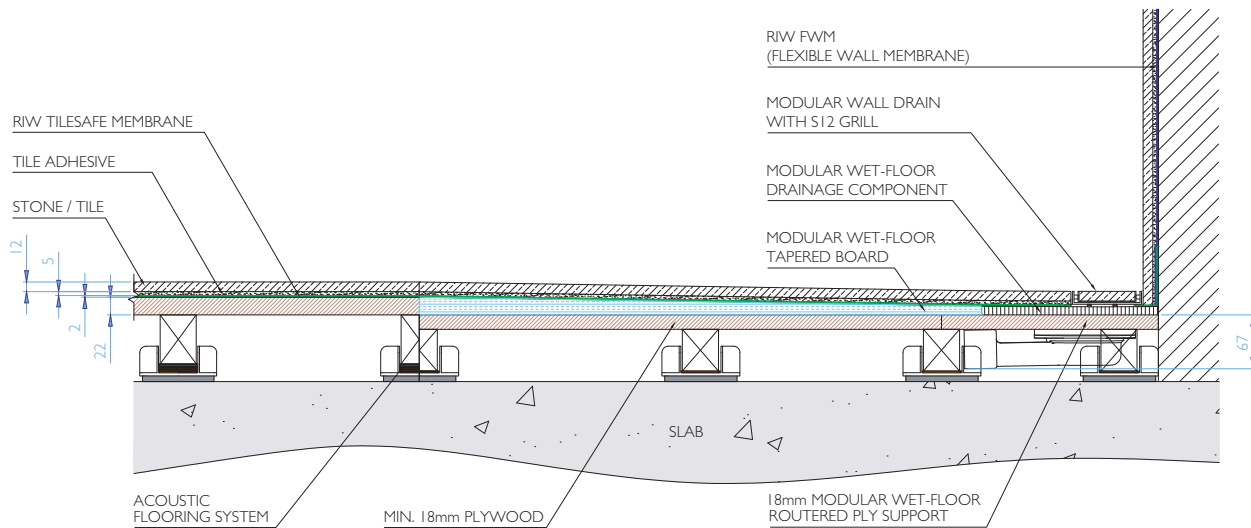


MWF TRAP WATERLESS - FLOOR

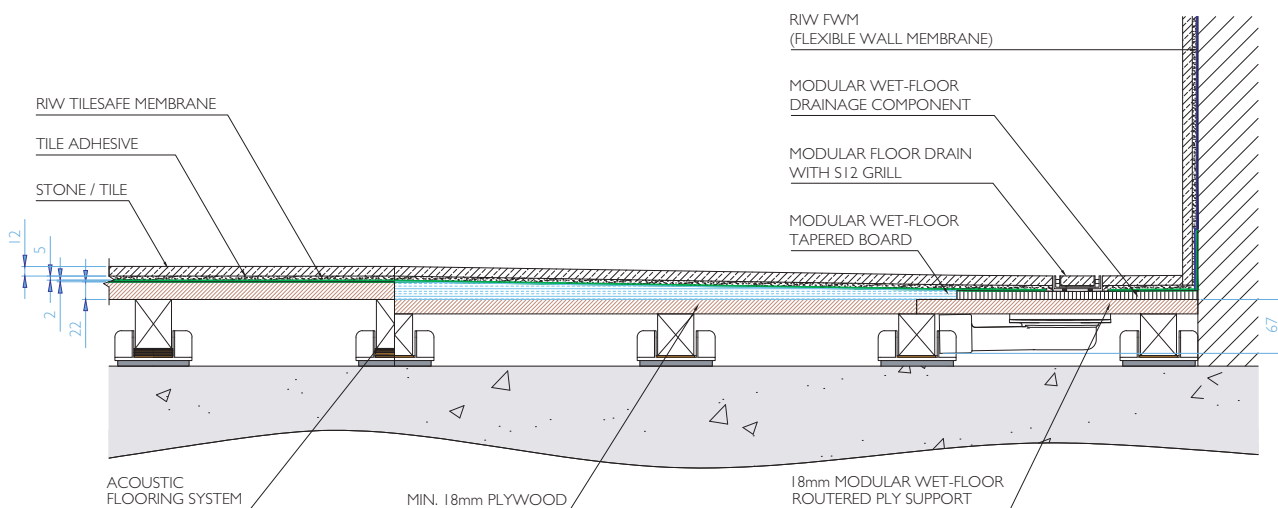


± See page 10 for details.

CROSS SECTION DRAWING - WALL



CROSS SECTION DRAWING - FLOOR



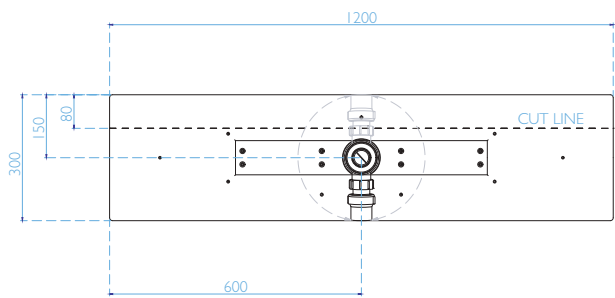
# TYPICAL DETAIL WITH TR50 TRAP

The Drainage Component is the central element of the Modular Wet-Floor System, once its position is decided, the remainder of the system is built around it. Forming a base for the Linear Grill, the Drainage Component has a built in 1mm fall.

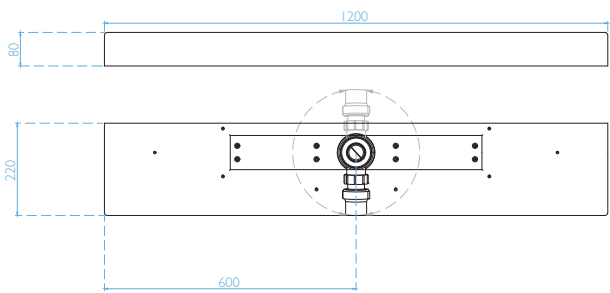
It can be positioned neatly up against the wall, just off the wall or in the centre of the shower.

- 50mm Waterseal
- 360° Rotatable outlet
- Centre, left and right handed trap position
- Top access for easy maintenance
- Flow rate up to 68 L/min <sup>‡</sup>
- Lifetime Guarantee
- Horizontal or Vertical outlet

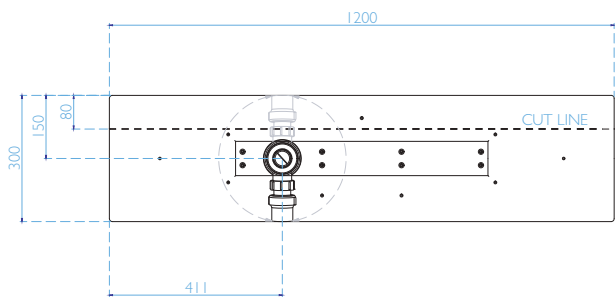
## CENTRAL TRAP



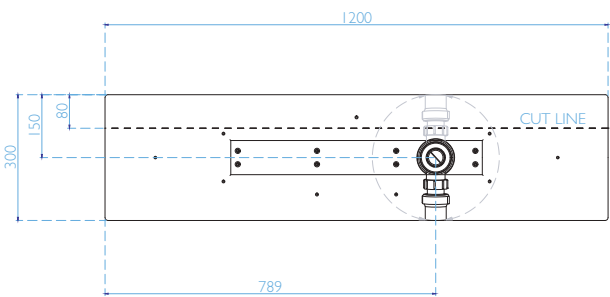
Drainage Component trimmed for use against wall.



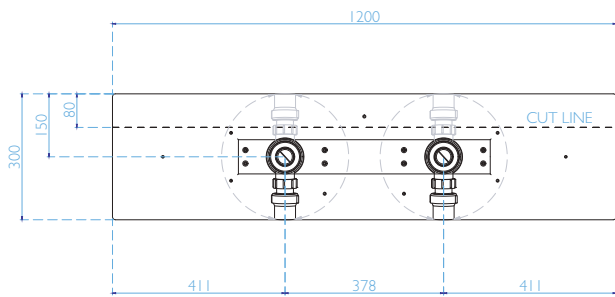
## LEFT HAND TRAP



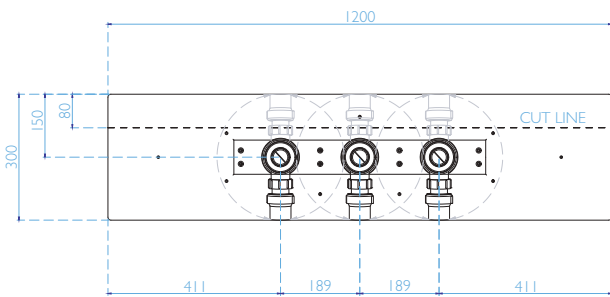
## RIGHT HAND TRAP



## DOUBLE TRAP



## TRIPLE TRAP



\* Vertical TR50 trap in the same position as horizontal

<sup>‡</sup> Flow rates indicated are a guide only, based upon 42mm waste pipe and swept bends. See pages 18 for product codes.

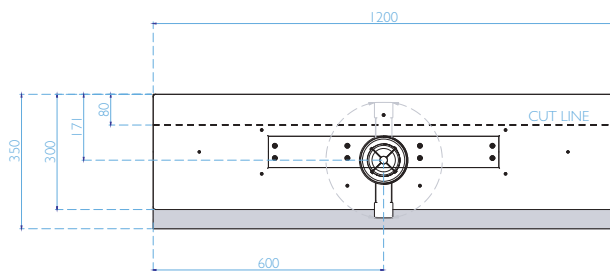
# TYPICAL DETAIL WITH LO-SEAL TRAP

The unique Lo-Seal waterless trap been specially designed with a spring-loaded mechanism which keeps the trap closed when not in use.

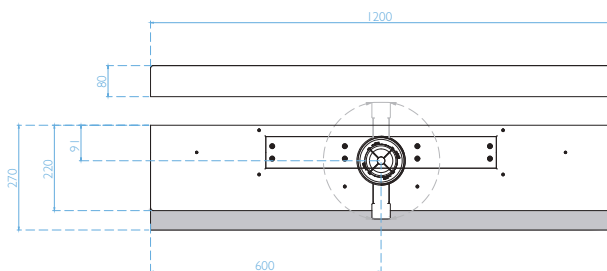
This ensures that even when left unused for prolonged periods of time, the trap cannot dry out, making it ideal for situations where the shower is not in everyday use. At only 55mm it is suitable for shallow floor build-ups or plinths.

- Easy to clean and replace trap
- Trap remains closed when not in use
- No odours or gasses enter the room
- No siphoning of the trap
- 360° Rotatable Outlet
- Centre, left or right handed trap position
- BBA Approved
- Flow rate up to 70 L/min  $\pm 1$
- Lifetime Guarantee

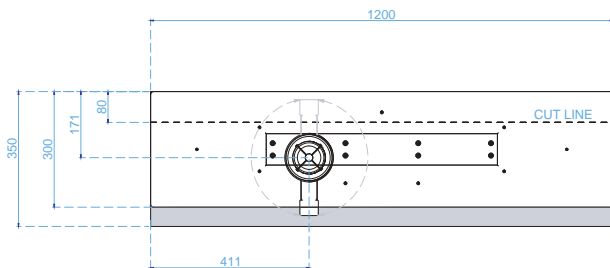
## CENTRAL TRAP



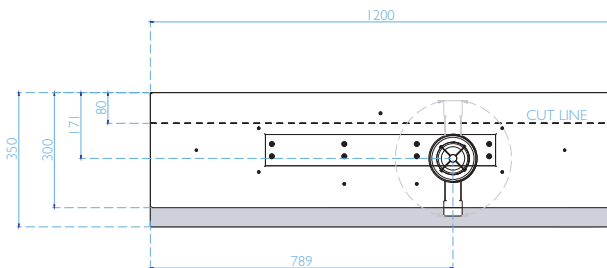
Drainage Component trimmed for use against wall.



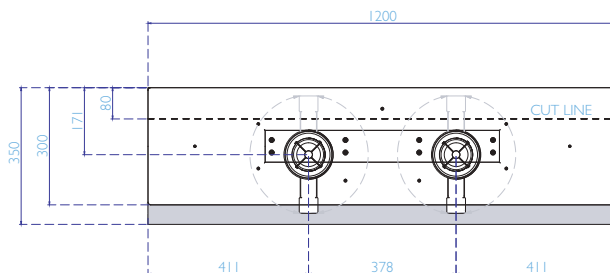
## LEFT HAND TRAP



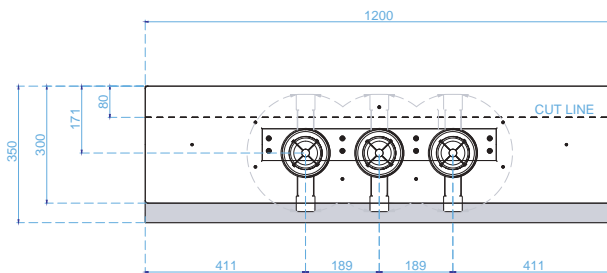
## RIGHT HAND TRAP



## DOUBLE TRAP



## TRIPLE TRAP





## SECTION 3 - WATERPROOFING

---

3.1	<b>TILESURE</b>	WATERPROOFING & DECOUPLING (FLOOR)
3.2	<b>SCREEDSURE</b>	WATERPROOFING (FLOOR)
3.3	<b>FWM</b>	WATERPROOFING (WALL)

---

3.1

3.2

3.3

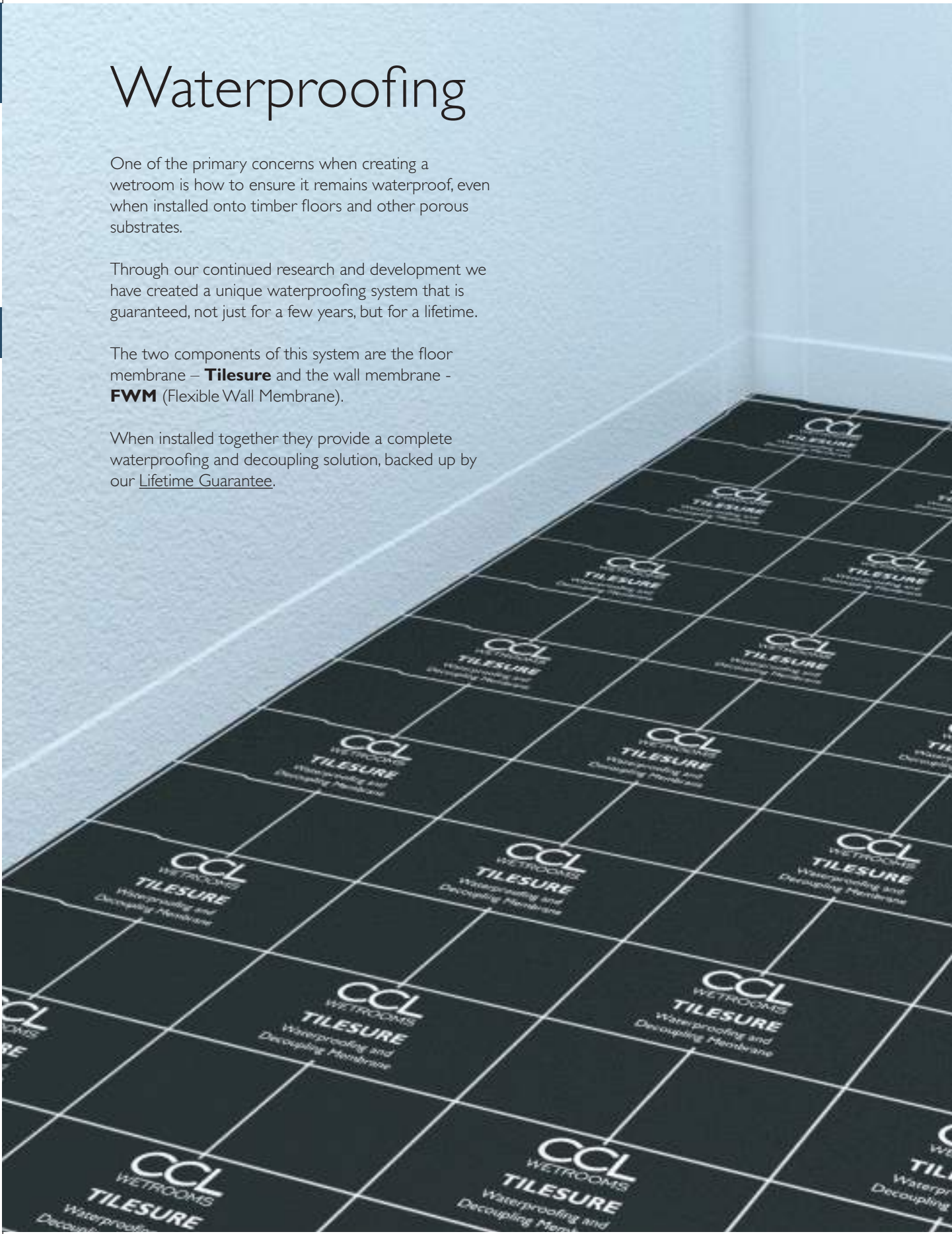
# Waterproofing

One of the primary concerns when creating a wetroom is how to ensure it remains waterproof, even when installed onto timber floors and other porous substrates.

Through our continued research and development we have created a unique waterproofing system that is guaranteed, not just for a few years, but for a lifetime.

The two components of this system are the floor membrane – **Tilesure** and the wall membrane - **FWM** (Flexible Wall Membrane).

When installed together they provide a complete waterproofing and decoupling solution, backed up by our Lifetime Guarantee.









# INTRODUCTION



Tilesure is a heavy duty self-adhesive waterproofing and decoupling membrane designed for use onto timber and solid floors.

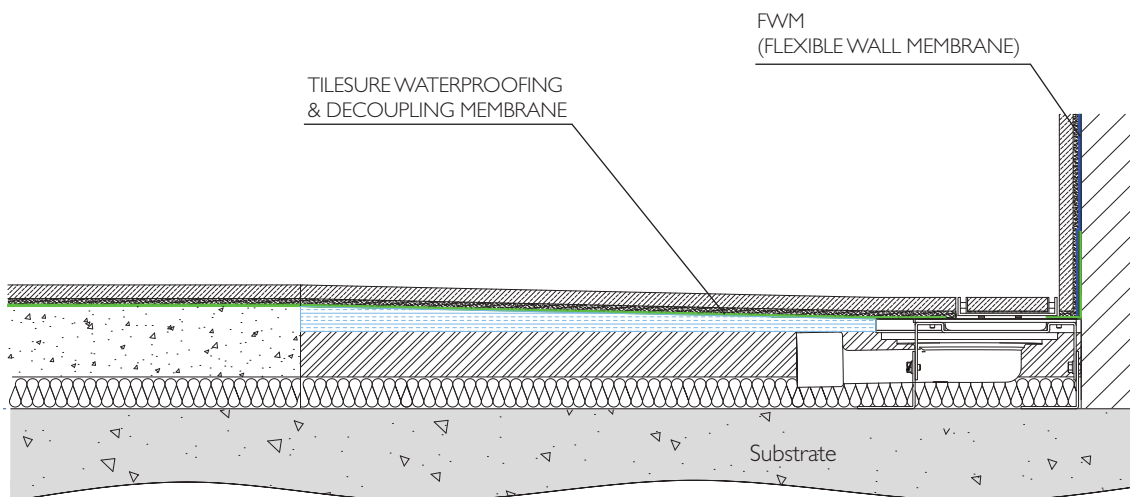
Developed specifically for use in bathrooms, wetrooms and similar wet areas, Tilesure is comprised of a 1.4mm butyl based membrane, with a copolymer top layer, which provides an excellent surface for the adhesion of natural stone, porcelain and ceramic tiles.

Tilesure is quick and easy to apply, providing a consistent waterproof layer, guaranteed not to leak. Tilesure also acts as a decoupling membrane by uncoupling the floor tiles and accommodating movement in the substrate, within a thickness of only 1.4mm. This omits the requirement for a traditional decoupling mat.

Tilesure also provides an effective barrier to the transition of water vapour.

## KEY FEATURES

- Lifetime Guarantee
- Decoupling properties up to 12mm
- Self adhesive - quick and easy to apply
- Suitable for timber and solid floors including gypsum based anhydrite screeds
- Ready to tile immediately
- Suitable for use with electric and wet underfloor heating <sup>‡1</sup>
- 1.4mm Factory controlled thickness
- Compatible with silicone sealants & stone sealers



<sup>‡1</sup> See page 7 for details

# PRODUCT INFORMATION

## WATER PROOFING

### 3.1

## DETAIL

Tilesure is a highly flexible waterproofing and decoupling membrane comprised of a unique copolymer top layer; with a self-adhesive butyl underside, giving an overall thickness of only 1.4mm.

Tilesure is quick and easy to apply with a working temperature range of +5°C to +35°C. It has no drying time and is therefore ready to tile immediately.



### 5m<sup>2</sup> Kit Contents

- 5m x 1m Roll of membrane
- 10m Reinforcing tape
- 500ml Primer
- 290ml Jointing Compound
- 4 x Pre-formed Internal Corners

### 10m<sup>2</sup> Kit Contents

- 10m x 1m Roll of membrane
- 15m Reinforcing Tape
- 1L Primer
- 290ml Jointing Compound
- 4 x Pre-formed Internal Corners

### Membrane



A self-adhesive waterproofing and decoupling membrane with an easy peel release liner.

- Thickness 1.4mm
- Width 1m
- Length 5m & 10m

### Reinforcing Tape



A self-adhesive HDPE butyl Reinforcing Tape with an easy peel release liner; used for reinforcing all wall and floor junctions, butt joints, niches and other detail work within the membrane.

- Thickness 1mm
- Width 125mm
- Length 10m & 15m

### Primer



A quick drying acrylic primer for use prior to the application of Tilesure Membrane and Reinforcing Tape.

### Jointing Compound



An advanced polymer based Jointing Compound for use at all wall and floor junctions, butt joints, pipe entries and other such details.

### Internal / External Corners



Internal and External Pre-Formed Corners designed to save time and minimise the build-up of membrane in the corners.

# PRODUCT INFORMATION

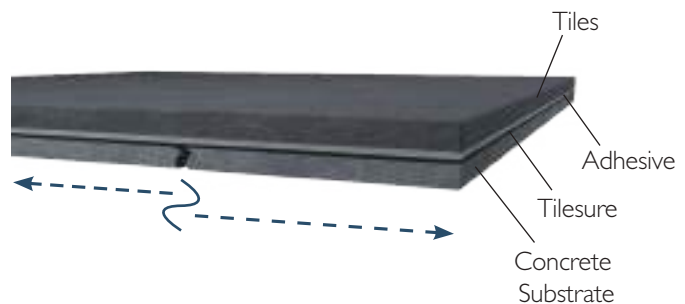
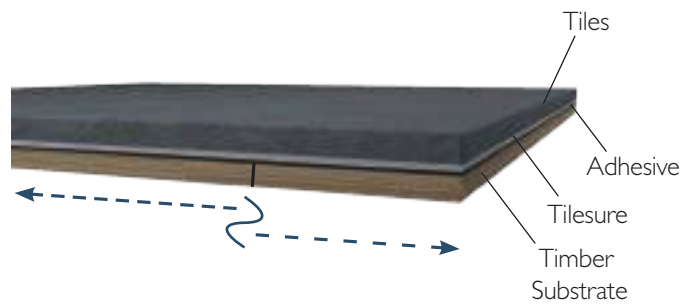
## DECOUPLING

Tilesure also acts as a decoupling or anti-fracture layer; accommodating differential movement between the substrate and the tiles, making it ideal for use on modular and lively substrates, such as timber; masonry, screed, gypsum, calcium sulphate and tile backer boards.

Similarly, static, dynamic or stress cracks present in the substrate are bridged, therefore reflective cracking through the tile is prevented.

Tilesure will decouple up to 12mm

To achieve decoupling performance Tilesure should be applied to the entire bathroom floor area.



## TILESURE PERFORMANCE & COMPOSITION

Membrane Thickness	1.4mm
Reinforcing Tape Thickness	1.0mm
Tile Adhesion Bond Strength	202.5N /50mm <sup>2</sup>
Water Vapour Transmission	0%
Tensile Strength (EN 12311-2) - Longitudinal - Transversal	3,250N /50mm <sup>2</sup> 3,250N /50mm <sup>2</sup>
Anti-fracture & Decoupling (Tinius Olsen)	12mm
Elongation - Longitudinal - Transversal	≥ 22% ≥ 15%
Joint Strength (EN 12317-2)	21N /50mm
Tear Resistance (EN 12310-1) - Longitudinal - Transversal	90N 65N
Loop Tack	≥ 33N
Peel Adhesion 180° (bond to substrate)	≥ 55N /50mm

Compatible with electric underfloor heating up to 150W per m<sup>2</sup>

Compatible with wet underfloor heating systems, provided the pipework does not come into direct contact with the membrane


Full technical data sheet available upon request from our technical department

# PRODUCT CODES

ITEM	DESCRIPTION	CODE
	5m² Tilesure Kit Kit contains – 5m x 1m roll of membrane, 10m Reinforcing Tape, 500ml Primer, 290ml Jointing Compound	TSM-K5
	10m² Tilesure Kit Kit contains – 10m x 1m roll of membrane, 15m Reinforcing Tape, 1Ltr Primer, 290ml Jointing Compound	TSM-K10

ADDITIONAL ITEMS	DESCRIPTION	CODE	ADDITIONAL ITEMS	DESCRIPTION	CODE
	Additional 10m Reinforcing Tape	TSM-T10		Jointing Compound 290ml	TSM-JC2
	Primer 500ml	TSM-PR5		Pre-formed Internal Corner	PFC-INT
	Primer 1L	TSM-PR10		Pre-formed External Corner	PFC-EXT

## Recommended for Waterproofing Walls <sup>‡1</sup>

ITEM	DESCRIPTION	CODE
	Flexible Wall Membrane - 8kg tub	FWM-8
	Flexible Wall Membrane Tape - 10m	FWM-TAPE
	Flexible Wall Membrane Primer - 500ml	FWM-PR5

FWM (Flexible Wall Membrane) is a single coat, acrylic paste designed for waterproofing wall surfaces prior to the application of natural stone, porcelain and ceramic tiles. <sup>‡1</sup>

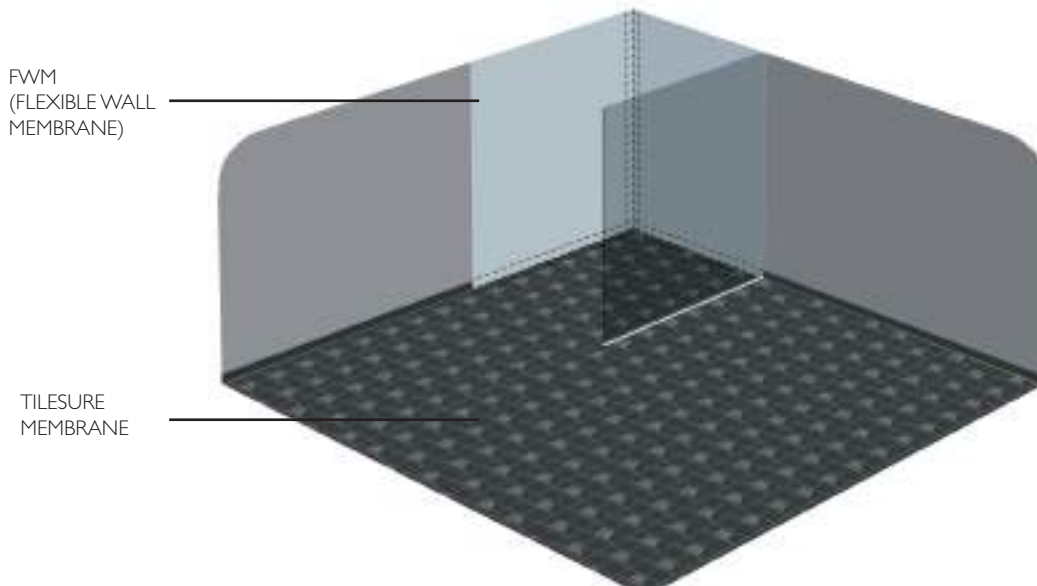
When combined with Tilesure, the system provides a complete waterproofing solution, backed up by our [Lifetime Guarantee](#).

<sup>‡1</sup> See Product Specification Guide section 3.3 for full details of FWM

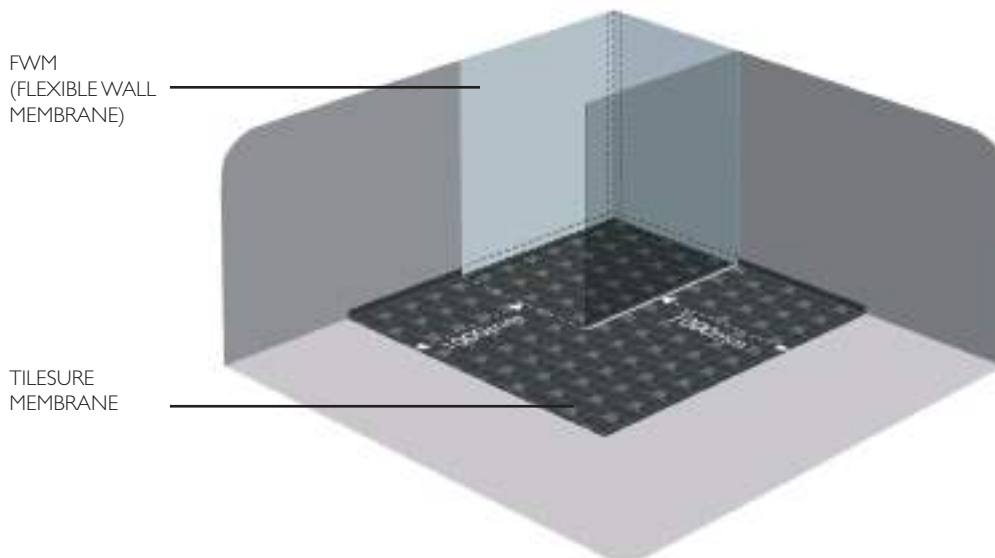
# RECOMMENDED APPLICATION

For the majority of installations, it is recommended that Tilesure is applied to the entire bathroom floor area. FWM <sup>‡1</sup> should be applied to the walls within the shower area only, to a minimum height of 2200mm and overlapping the Tilesure Reinforcing Tape.

## Waterproofing to the entire bathroom floor area (recommended)



## Waterproofing to the shower area + 1 metre (minimum requirement)



For larger bathrooms or where cost may be a consideration, Tilesure should be applied to a minimum of the shower area, plus an additional one metre in all directions. FWM <sup>‡1</sup> should be applied to the walls within the shower area only, to a minimum height of 2200mm and overlapping the Tilesure Reinforcing Tape.

### Please Note

Decoupling will only be effective when Tilesure is applied to the entire bathroom floor area.

<sup>‡1</sup> See Product Specification Guide section 3.3 for full details of FWM







## SECTION 3 - WATERPROOFING

---

**3.1 TILESURE**

**3.1**

**3.2 SCREEDSURE**

**3.2**

**3.3 FWM**

---

**3.3**

# Waterproofing

When creating a wetroom onto a solid floor one of the primary concerns is to ensure it remains waterproof.

Through our continued research and development, we have created a unique waterproofing system that is guaranteed, not just for a few years, but for a lifetime.

The two components of this system are the floor membrane – **Screedsure** and the wall membrane - **FWM** (Flexible Wall Membrane).

When installed together, they provide a complete waterproofing solution backed up by our Lifetime Guarantee.





# INTRODUCTION



## 3.2

Screedsure is a copolymer self-adhesive waterproofing membrane specifically designed for use onto screeded and other solid floors.

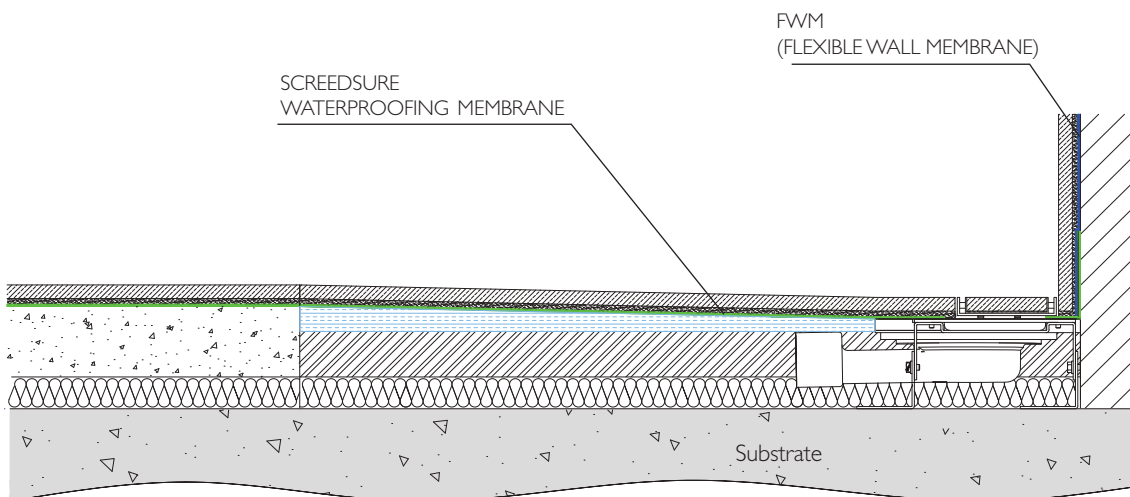
Developed for use in bathrooms, wetrooms and similar wet areas, Screedsure is comprised of a 1mm butyl based membrane, with a fabric top layer providing an excellent

surface for the adhesion of natural stone, porcelain and ceramic tiles.

Screedsure is quick and easy to apply, providing a consistent waterproof layer that is guaranteed not to leak. It also provides an effective barrier to the transition of water vapour.

## KEY FEATURES

- Lifetime Guarantee
- Suitable for concrete, including gypsum based anhydrite screeds
- Self-adhesive - quick and easy to apply
- Ready to tile immediately
- Ideal for fast track construction
- Supplied as a complete kit
- 1mm Factory controlled thickness
- Suitable for use with electric and wet underfloor heating <sup>‡1</sup>
- Compatible with silicone sealants and stone sealers



<sup>‡1</sup> See page 7 for details

# PRODUCT INFORMATION

## WATER PROOFING

### DETAIL

Screedsure is a durable waterproofing membrane comprised of a unique copolymer top layer, with a self-adhesive butyl underside, giving an overall thickness of only 1mm.

Screedsure is quick and easy to apply with a working

temperature range of +5°C to +35°C. It has no drying time and is therefore ready to tile immediately.

Screedsure should only be applied onto screeded and other solid floors. For timber and similar substrates Tilesure should be used.

#### 5m<sup>2</sup> Kit Contents

- 5m x 1m Roll of membrane
- 10m Reinforcing Tape
- 500ml Primer
- 290ml Jointing Compound
- 4 x Pre-formed Internal Corners

#### 10m<sup>2</sup> Kit Contents

- 10m x 1m Roll of membrane
- 15m Reinforcing Tape
- 1L Primer
- 290ml Jointing Compound
- 4 x Pre-formed Internal Corners

#### Membrane



A self-adhesive waterproofing membrane with a siliconised release paper.

- Thickness 1mm
- Width 1m
- Length 5m & 10m

#### Reinforcing Tape



A self-adhesive HDPE butyl Reinforcing Tape, with an easy peel release liner used for reinforcing all wall and floor junctions, butt joints, niches and other detail work within the membrane.

- Thickness 1mm
- Width 125mm
- Length 10m & 15m

#### Primer



A quick drying acrylic primer for use prior to the application of Screedsure membrane and Reinforcing Tape.

#### Jointing Compound



An advanced polymer based gun applied compound for use at all wall and floor junctions, butt joints, pipe entries and other such details.

#### Internal / External Corners



Internal and External Pre-Formed Corners designed to save time and minimise the build-up of membrane in the corners.

# PRODUCT INFORMATION

## SCREEDSURE PERFORMANCE & COMPOSITION

WATER  
PROOFING

3.2

Membrane Thickness	1 mm
Reinforcing Tape Thickness	1 mm
Tile Adhesion Bond Strength	202.5N /50mm <sup>2</sup>
Water Vapour Transmission	0%
Tensile Strength (EN 12311-2) - Longitudinal - Transversal	3,250N /50mm <sup>2</sup> 3,250N /50mm <sup>2</sup>
Elongation - Longitudinal - Transversal	≥ 22% ≥ 15%
Joint Strength (EN 12317-2)	21N /50mm
Tear Resistance (EN 12310-1) - Longitudinal - Transversal	90N 65N
Loop Tack	≥ 33N
Peel Adhesion 180°	≥ 55N /50mm

Compatible with electric underfloor heating up to 150W per m<sup>2</sup>


Compatible with wet underfloor heating systems, provided the pipework does not come into direct contact with the membrane

Full technical data sheet available on request from our technical department.

SCREEDSURE




# PRODUCT CODES

ITEM	DESCRIPTION	CODE
	5m² Screedsure Kit Kit contains – 5m x 1m roll of membrane, 10m Reinforcing Tape, 500ml Primer, 290ml Jointing Compound	SSM-K5

	10m² Screedsure Kit Kit contains – 10m x 1m roll of membrane, 15m Reinforcing Tape, 1Ltr Primer, 290ml Jointing Compound	SSM-K10
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ADDITIONAL ITEMS	DESCRIPTION	CODE	ADDITIONAL ITEMS	DESCRIPTION	CODE
	Additional 10m Reinforcing Tape	SSM-T10		Jointing Compound 290ml	SSM-JC2
	Primer 500ml	SSM-PR5		Pre-formed Internal Corner	PFC-INT
	Primer 1L	SSM-PR10		Pre-formed External Corner	PFC-EXT

## Recommended for Waterproofing Walls <sup>‡1</sup>

ITEM	DESCRIPTION	CODE
	Flexible Wall Membrane - 8kg tub	FWM-8
	Flexible Wall Membrane Tape - 10m	FWM-TAPE
	Flexible Wall Membrane Primer - 500ml	FWM-PR5

FWM (Flexible Wall Membrane) is a single coat, acrylic paste, designed for waterproofing wall surfaces prior to the application of natural stone, porcelain and ceramic tiles. <sup>‡1</sup>

When combined with Screedsure, the system provides a complete waterproofing solution, backed up by our [Lifetime Guarantee](#).

<sup>‡1</sup> See Product Specification Guide section 3.3 for full details of FWM

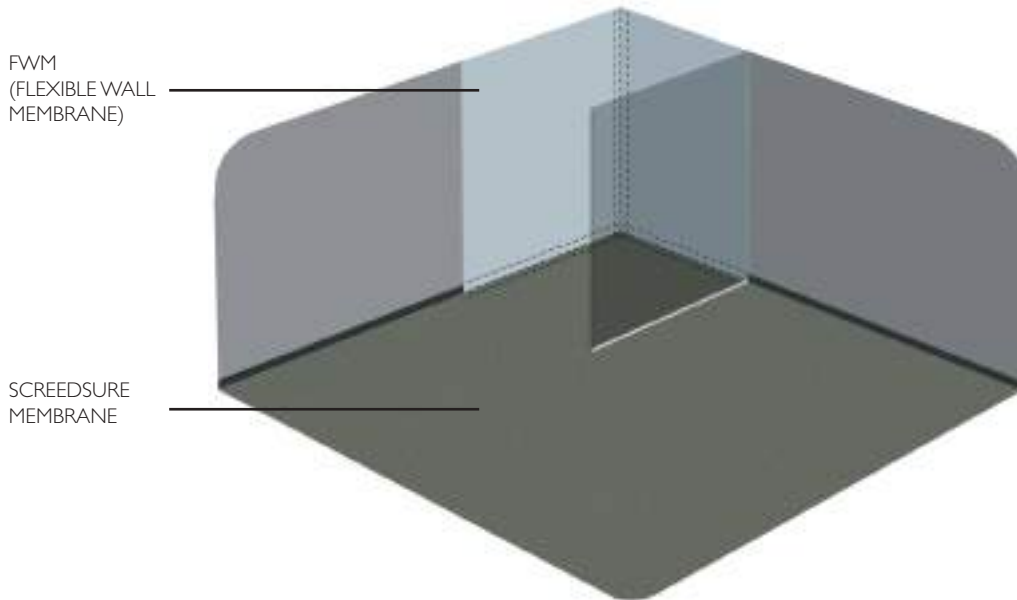
WE'RE HERE TO HELP  
0844 327 6002



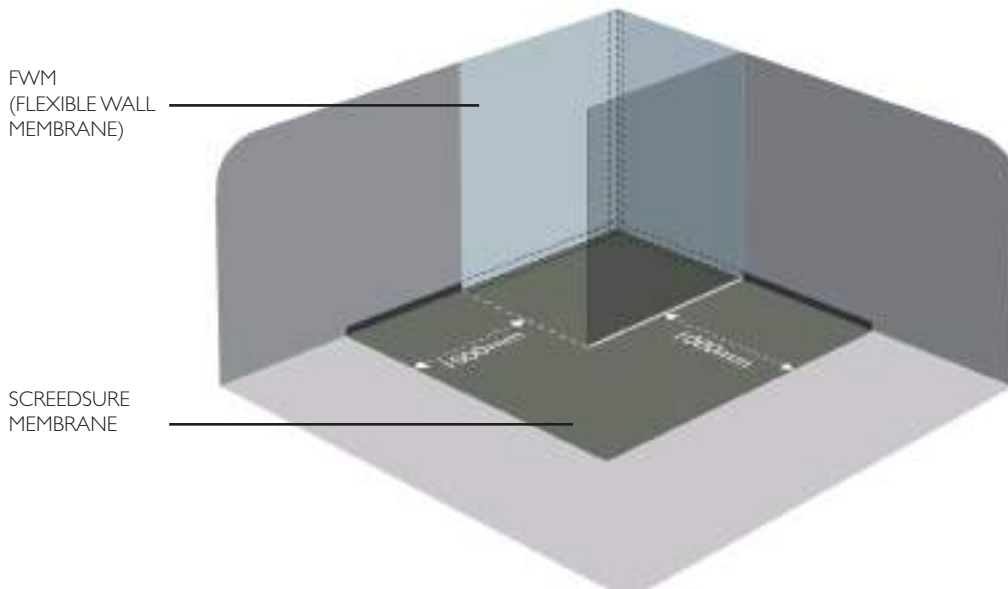
# RECOMMENDED APPLICATION

For the majority of installations, it is recommended that Screedsure is applied to the entire bathroom floor area. FWM <sup>‡1</sup> should be applied to the walls within the shower area only, to a minimum height of 2200mm and overlapping the Screedsure Reinforcing Tape.

## Waterproofing to the entire bathroom floor area (recommended)



## Waterproofing to the shower area + 1 metre (minimum requirement)



For larger bathrooms or where cost may be a consideration, Screedsure should be applied to a minimum of the shower area, plus an additional one metre in all directions. FWM <sup>‡1</sup> should be applied to the walls within the shower area only, to a minimum height of 2200mm and overlapping the Screedsure Reinforcing Tape.

<sup>‡1</sup> See Product Specification Guide section 3.3 for full details of FWM





## SECTION 3 - WATERPROOFING

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<b>3.1</b>	<b>TILESURE</b>	WATERPROOFING & DECOUPLING (FLOOR)
<b>3.2</b>	<b>SCREEDSURE</b>	WATERPROOFING (FLOOR)
<b>3.3</b>	<b>FWM</b>	WATERPROOFING (WALL)

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**3.1**

**3.2**

**3.3**



# INTRODUCTION

FWM (Flexible Wall Membrane) is a single coat acrylic paste designed for waterproofing wall surfaces, niches, built-in benches and similar critical details within a wetroom prior to the application of natural stone, porcelain and ceramic tiles.

Developed specifically for use in bathrooms, wetrooms and similar wet areas, FWM is quick and easy to apply, providing a consistent waterproof layer, which is guaranteed not to leak.



## 3.3

### KEY FEATURES

- Lifetime Guarantee
- Single coat
- Odourless and solvent free
- Quick and easy to apply
- Touch dry in 30 minutes
- Ready to tile in 24 hours
- Suitable for use on all commonly encountered substrates
- 1mm Thickness when applied
- Coverage 1kg per m<sup>2</sup>
- Reinforcing tape to support junctions
- Compatible with Tilesure & Screedsure



# PRODUCT INFORMATION

## DETAIL

FWM is a ready to use, pale blue, solvent free paste, with superior elasticity which provides a waterproof barrier between the substrate and wall tiles.

It can be used on all commonly encountered substrates including plasterboard, timber, concrete block, cementitious render, gypsum plaster and tile backer board, with a working temperature range of +5°C to +30°C.

FWM is quick and easy to apply using a brush or short pile roller, to give a continuous thin layer, at least 1mm thick. Coverage – 1kg per m<sup>2</sup>.

Wall and floor junctions, along with other critical areas, should be supported using FWM Reinforcing Tape.

Dusty surfaces and gypsum based plaster should be primed using FWM primer.

### FWM



FWM is a single coat acrylic paste designed for waterproofing wall surfaces prior to the application of natural stone, porcelain and ceramic tiles. 8kg

### FWM Tape



A self-adhesive HDPE butyl Reinforcing Tape with an easy peel release liner, used for reinforcing all wall and floor junctions, butt joints, niches and other detail work within the membrane. 75mm x 10m

### FWM Primer



A quick drying acrylic primer for use prior to the application of FWM and FWM Tape. 500ml

## FWM PERFORMANCE & COMPOSITION

Typical Coverage	‡ <sup>1</sup> 1kg / m <sup>2</sup> 8kg tub / 8m <sup>2</sup>
Drying Time	30 minutes
Before Tiling	24 hours
Direct Contact with Water	7 days
Application Temperature	5°C to 30°C
Service Conditions	-20°C to +50°C

‡<sup>1</sup> Assumes thickness of 1mm

Full technical data sheet available on request from our technical department.

All times refer to site conditions of 20°C. These times will be increased at lower temperatures and reduced at higher temperatures. The above performance figures are typical values and should not be considered a product specification.

# PRODUCT CODES

ITEM	DESCRIPTION	CODE
	Flexible Wall Membrane - 8kg tub	FWM-8
	Flexible Wall Membrane Tape - 75mm x 10m	FWM-TAPE
	Flexible Wall Membrane Primer - 500ml	FWM-PR5

## 3.3

### RECOMMENDED APPLICATION

FWM should be applied to a minimum height of 2000mm on all wall surfaces within the shower area, linking onto the floor membrane with a minimum overlap of 60mm.

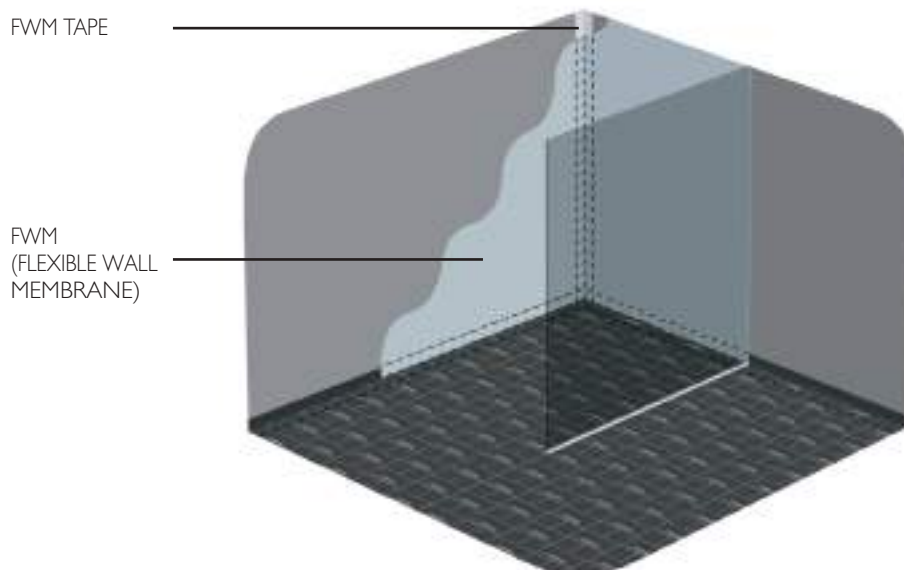
Vertical wall junctions and other joints should be supported using FWM Reinforcing Tape.

FWM can also be used to waterproof niches, built-in benches and other similar details within the shower area, with joints supported using FWM Reinforcing Tape.

The two components of this system are the floor membrane – Tilesure/Screedsure and the wall membrane - FWM.

When installed together, they provide a complete waterproofing and decoupling solution, backed up by our [Lifetime Guarantee](#).

See Product Specification Guide section 3.1 (Tilesure) and 3.2 (Screedsure) for full details



## TECHNICAL ENQUIRIES

**TEL: 0844 327 6002**

technical@ccl-wetrooms.co.uk  
www.ccl-wetrooms.co.uk

### CCL Specialist Supplies Ltd

Lodge Farm  
Hook Road  
North Wamborough  
Hook  
RG29 1HA



## TECHNICAL SUPPORT

For technical assistance please contact our experienced technical department who will be happy to assist in the following:

- Project design
- Product specification
- CAD drawings
- Method statements

## TECHNICAL SEMINARS

We are able to provide CPD based seminars designed to provide guidance on key wetroom design considerations such as:

- Design and layout
- Drainage
- Waterproofing
- Flow rates

For further information please contact our technical department.

## TECHNICAL ADVICE

Our team of technical advisors are able to visit you to provide a professional advisory service and assist with project design and specification.

We are also able to attend site to provide technical support and assistance.

## INSTALLATION ENQUIRIES

**TEL: 0845 045 6001**

info@wetroomsuk.co.uk  
www.wetroomsuk.co.uk

### Wetrooms UK Ltd

Lodge Farm, Hook Road  
North Wamborough  
Hook  
RG29 1HA

## INSTALLATION

With over 30 years experience in the waterproofing industry, our involvement in a project from conception to completion ensures that quality is never compromised.

Our services include:

- Design and installation
- 10 Year Insured Installation Guarantee
- On-site training



PEACE OF MIND  
GUARANTEED

