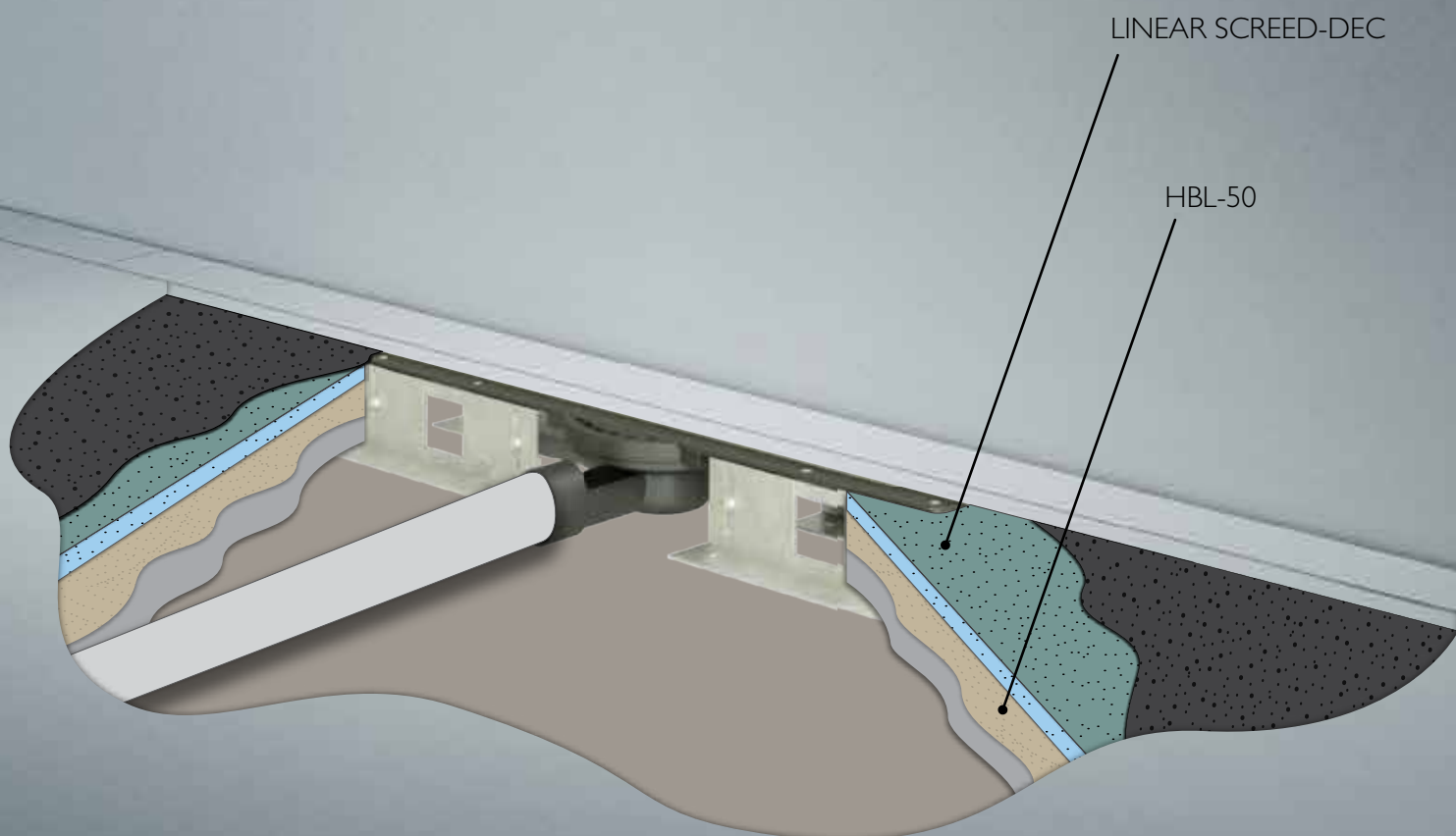


# Linear Screed-Dec & HBL-50



PRODUCT  
SPECIFICATION  
GUIDE

**CCL**  
WETROOMS



## SECTION I - SOLID FLOOR DRAINS

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### I.1 PRODUCT INFORMATION

### I.2 LINEAR DRAINS

A) LINEAR SCREED DRAIN

B) LINEAR SCREED LINE

### I.3 FLOOR BUILD UP

A) HBL-50

B) LINEAR SCREED-DEC

### I.4 SOLO 4

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I.1

I.2 a

I.2 b

I.3 a

I.3 b

I.4

SOLID  
FLOOR

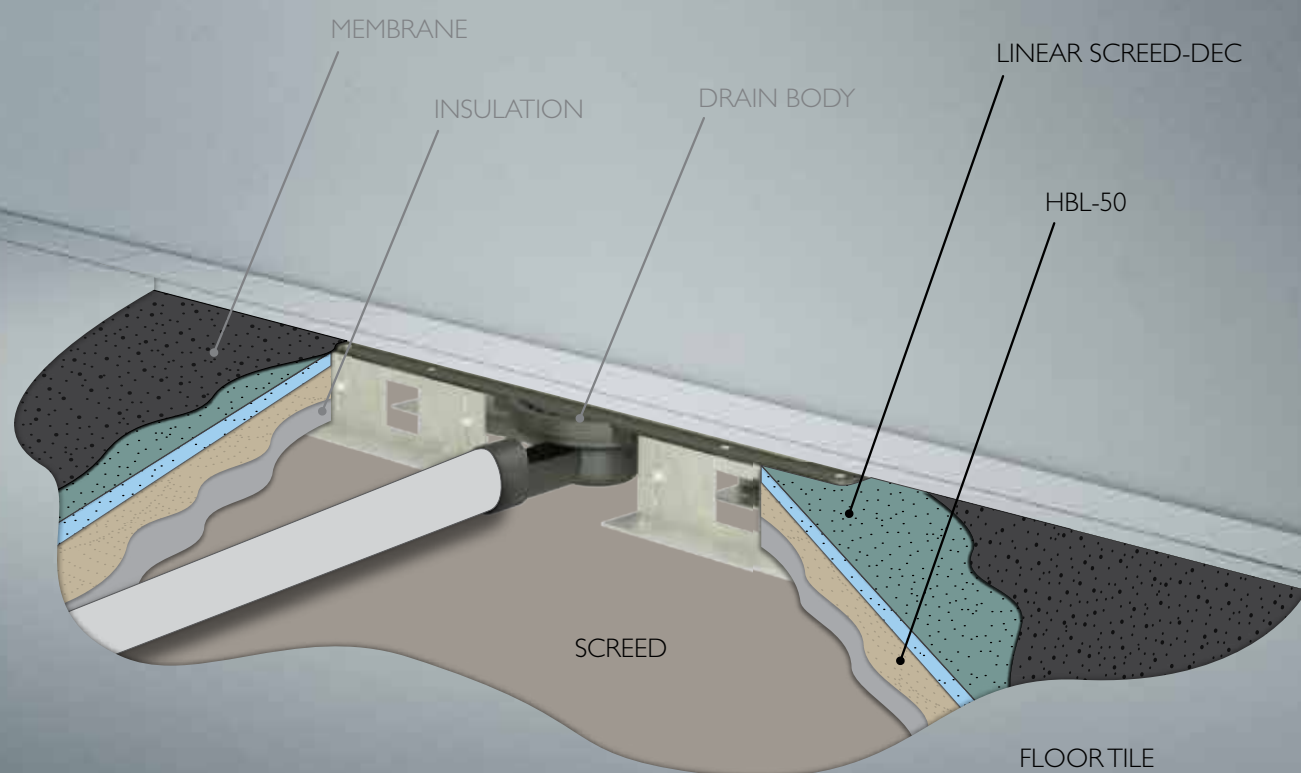
I.3 a  
I.3 b

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

LINEAR SCREED-DEC & HBL-50

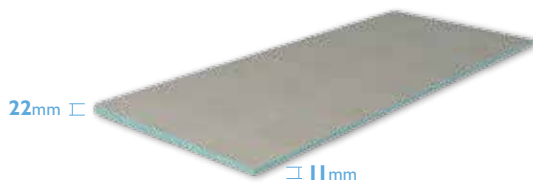


# INTRODUCTION



SOLID  
FLOOR

## Linear Screed-Dec



## HBL-50

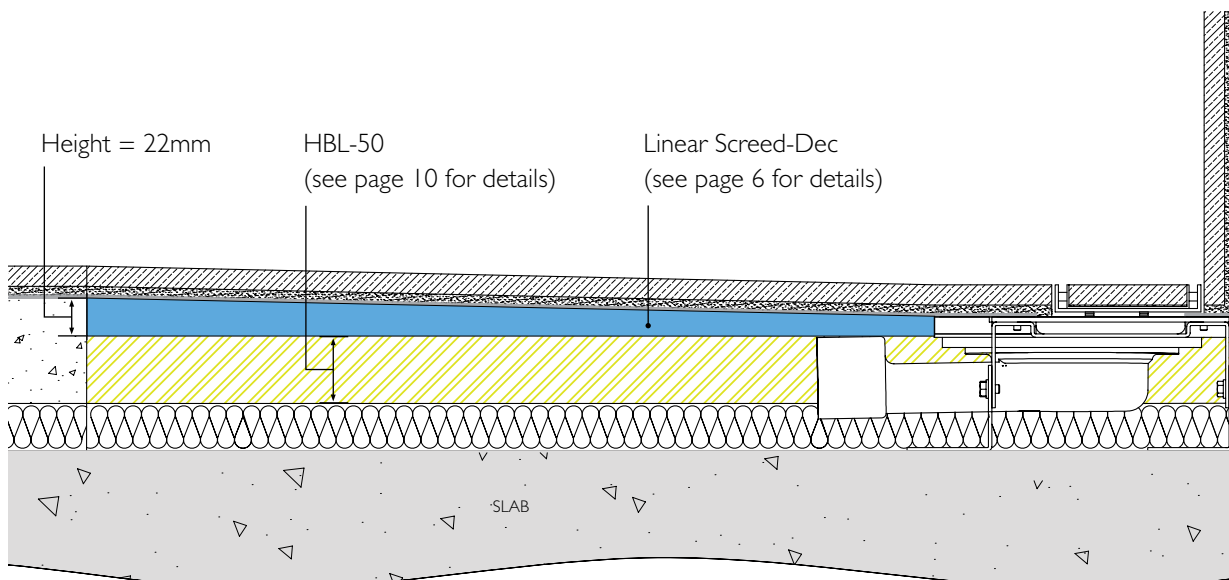


The Linear Screed-Dec is a pre-formed tapered board with a built-in one-way gradient, which removes the uncertainty of screeding a fall within the shower area by hand. This is installed onto our HBL-50, a high

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 & HBL-50

# 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

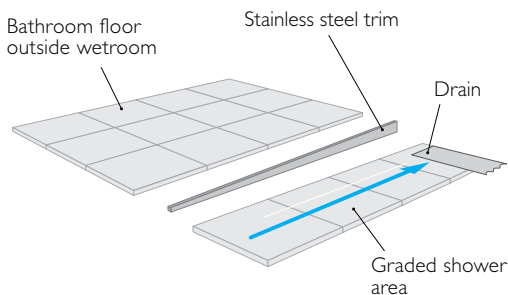
## Trimmable



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

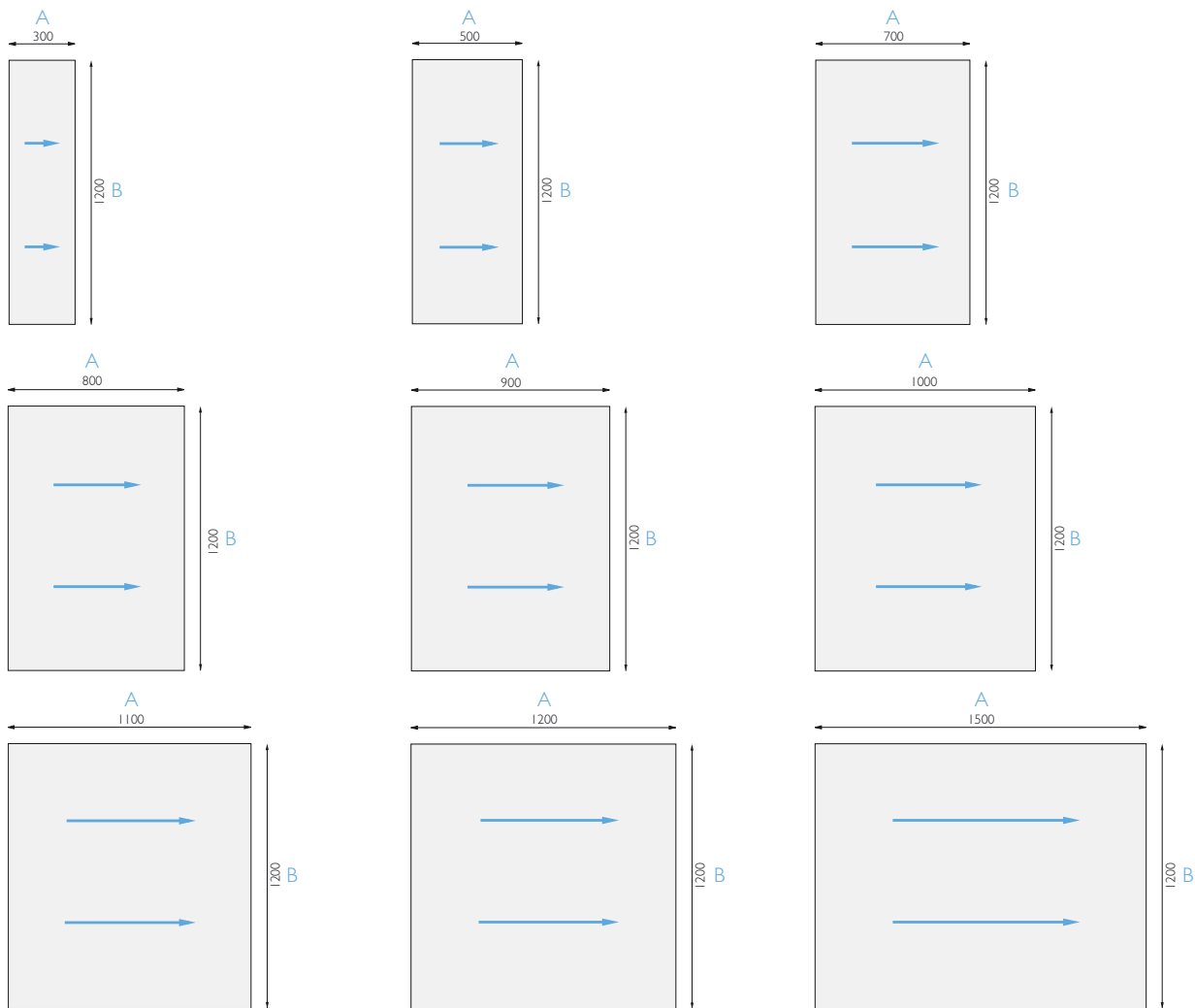


The Tile Trim provides a stylish brushed stainless steel finish to the edge of the tile where the Linear Screed-Dec meets the remainder of the bathroom floor.

See page 12.

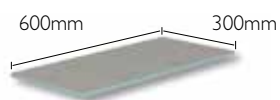


# DEC SIZES



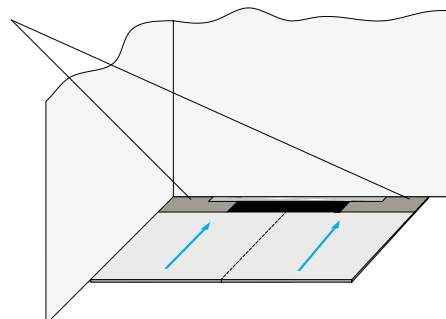
## Infill Panel

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



See page 13.

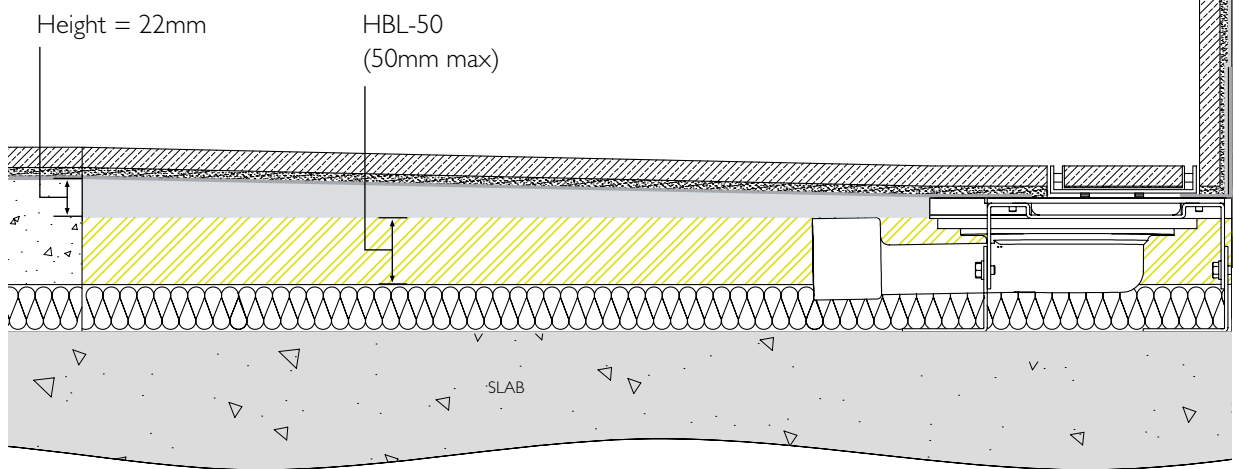
Infill Panels



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

## Technical advice

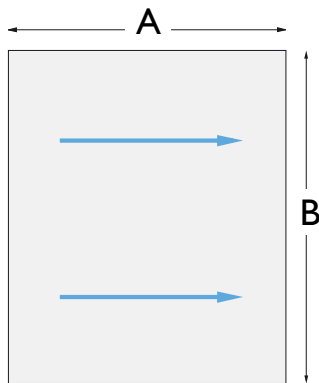
For further advice please refer to the separate Product Data Sheet or call the technical helpline on 0844 3276002.

I.3 b

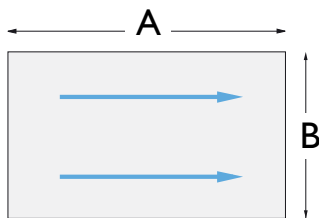
LINEAR SCREED-DEC & HBL-50

# 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

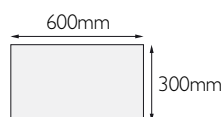
Length A	Width B	CODE
300mm	600mm	SDE-H03
500mm	600mm	SDE-H05
700mm	600mm	SDE-H07
800mm	600mm	SDE-H08
900mm	600mm	SDE-H09
1000mm	600mm	SDE-H10
1100mm	600mm	SDE-H11
1200mm	600mm	SDE-H12
1500mm	600mm	SDE-H15

## 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

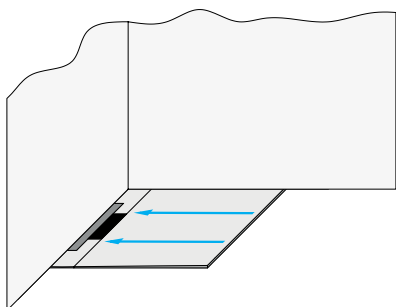
20 kg bag

# TYPICAL LAYOUTS

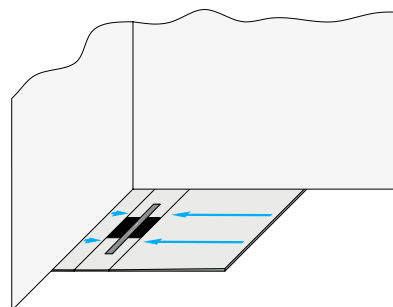
The Linear Screed-Dec is extremely versatile and can be installed in many possible combinations. The following examples show some of the more common wetroom

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

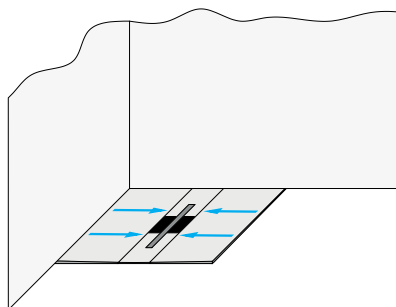
Layout SD1



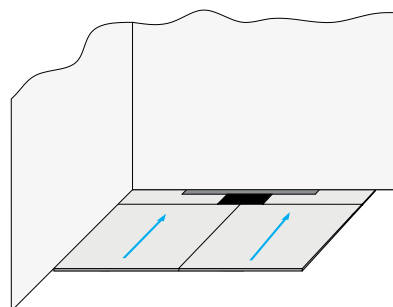
Layout SD2



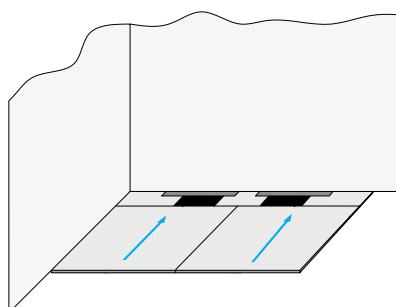
Layout SD3



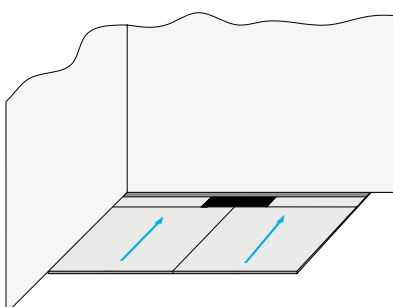
Layout SD4



Layout SD5



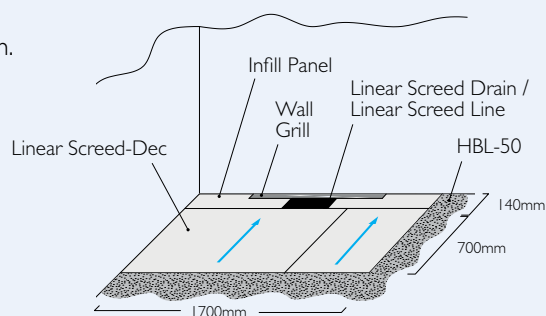
Layout SD6



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



## 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 Warnborough  
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**

enquiries@wetroomsuk.co.uk  
www.wetroomsuk.co.uk

### Wetrooms UK Ltd

Lodge Farm, Hook Road  
North Warnborough  
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

