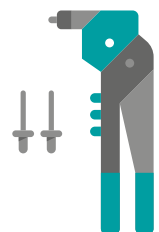
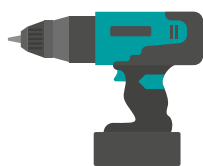
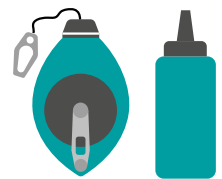
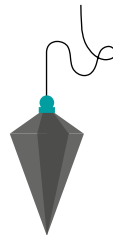
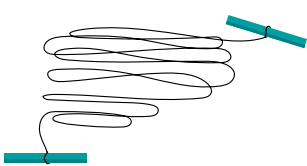
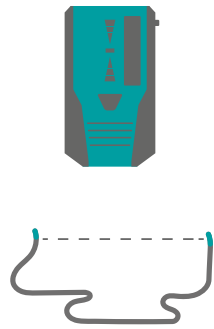
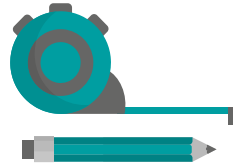
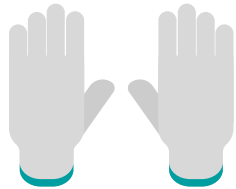


# SL2 Planks

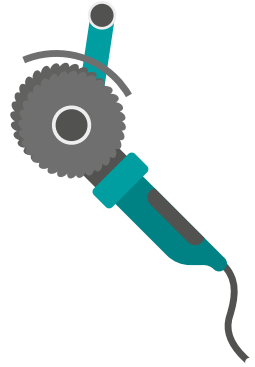
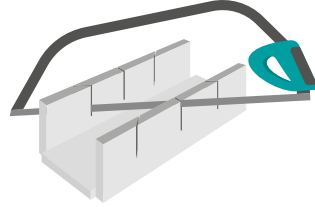
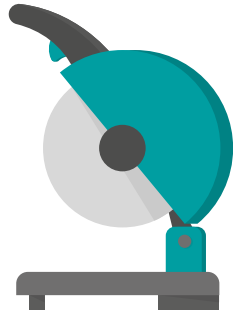
## Installation Guide



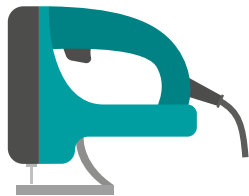
# 01 General Tools



## 02 Grid Tools



## 03 Tile Tools

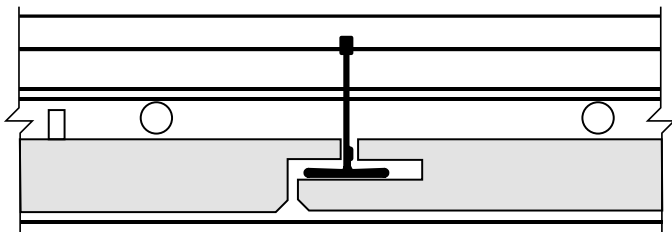


## 04 System Overview

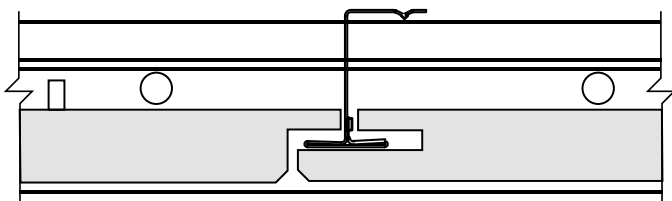
Mineral fibre SL2 planks retain their accessibility due to the long (shiplap) edge, which is supported by a piece of 24mm main runner (or a Z-section) within the thickness of the tile.

Mineral fibre planks are 300mm wide by 1500mm or 1800mm long and utilise a concealed bevel edge shiplap detail on the two long edges while the short edges have a square edge detail for support on a 24mm exposed grid (room installation) or onto a perimeter trim (corridor installation).

### Gridline 24



### Z Bar



**NOTE:**

In room installations, the 24mm exposed grid supporting the short edges is visible in one direction only.

## 05 Installation

### Semi Concealed Grid System – Items Required

#### LENGTH OF PLANKS

≤1800mm

#### CORRIDOR

1. Perimeter Trim
  - Shadowline (preferred option)
  - Angle trim
2. SL2 Planks
3. Stiffening profile alternatively:
  - Deep Z 30.5mm
  - Gridline 24 Main Runner

#### ROOM

1. Perimeter Trim (angle trim or shadowline)
2. Room division profile:
  - Gridline 24 Main Runner
3. Hangers
4. SL2 Planks
5. Stiffening profile alternatively:
  - Deep Z 30.5mm
  - Gridline 24 Main Runner
6. Spacer Bars (proprietary or site fabricated)

## 06 Installation

### Semi Concealed Grid System

- 1 Use **BPCZ41794** – 30.5mm deep Z Bar for use with 1800mm long SL2 Planks use Gridline 24 Main Runner BPGMR243600 as an alternative.
- 2 When Gridline Peak form 24 Main Runner is used for planks of length greater than 1800mm a central hanger is required.

Plank Size	Z Bar 30.5mm	Gridline 24mm Main Runner
1500 x 300mm	•	•
1800 x 300mm	•	•

#### IMPORTANT NOTE:

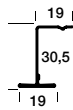
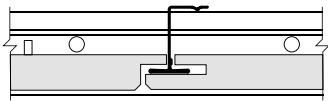
The above table is based upon no other services or fittings being supported by the ceiling tile and grid. If fittings are to be installed within an SL2 Plank please contact Zentia Technical Sales regarding the maximum loading.

## 07 Installation

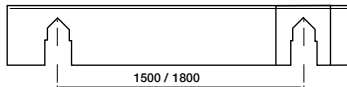
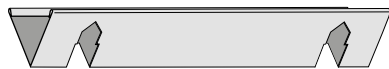
### Suspension Systems Concealed / Semi-concealed SL2 Planks

#### Z Bar

- For semi-concealed plank systems
- Exposed 24mm Main Runners run in one direction.  
The centres of these Main Runners depends on the length of the plank.  
Space bars are necessary to maintain this spacing



Item No.	Description	Length
<b>CZ 41 494</b>	Z Bar 30.5mm	1500 mm
<b>CZ 41 794</b>	Z Bar 30.5mm	1800 mm



#### Spacer Bar

Spacer Bar	1500 mm
------------	---------

Spacer Bar	1800 mm
------------	---------

## 08 Installation

### Grid Load Capacities

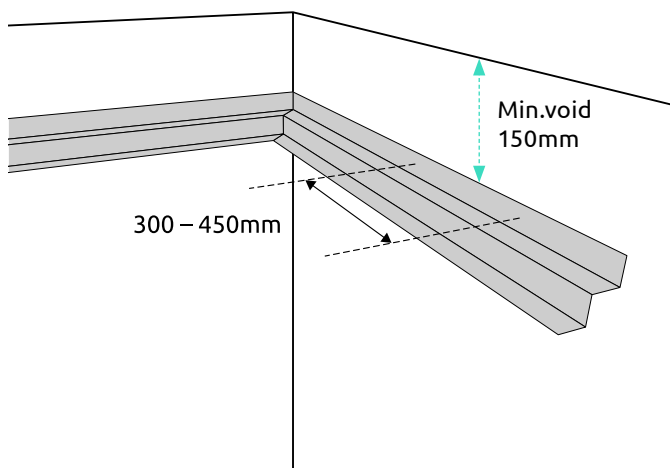
The table gives the maximum permitted load capacity of the tile weights in kg/m<sup>2</sup> along the different profiles for the spacings noted.

- ✔ No other applied loads such as luminaires, air diffusers, smoke detectors, sprinklers, hanging signs etc. are permitted
- ✔ No overlays such as mineral wool or fibre glass quilts, as may be required for enhanced acoustics, fire or thermal performance, are permitted unless their full weight is established and included, together with the weight of the tile, within the appropriate weight groups

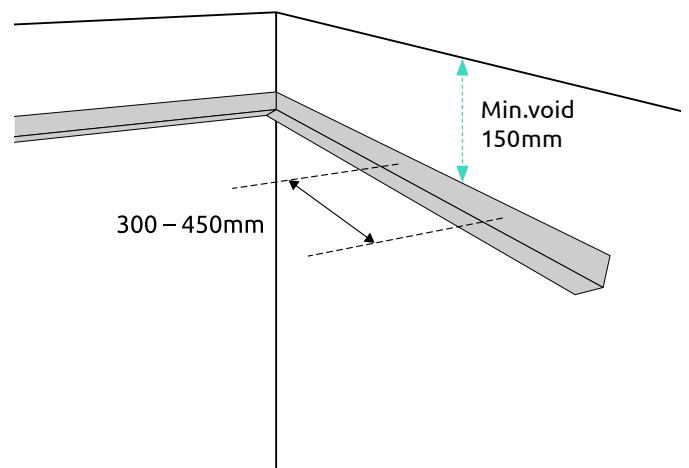
SPACING				
Item No.	Length	≤ 300mm	≤ 450mm	≤ 600mm
<b>Z Bars</b>				
<b>CZ 41 494</b>	1500mm	16.1	10.7	8.1
<b>CZ 41 794</b>	1800mm	10.8	7.2	5.4

Spacing calculated up to 2500mm, for any additional information please contact Zentia Technical Support **0800 371 849**

## 09 Perimeter Trims



Shadowline perimeter trim fixings



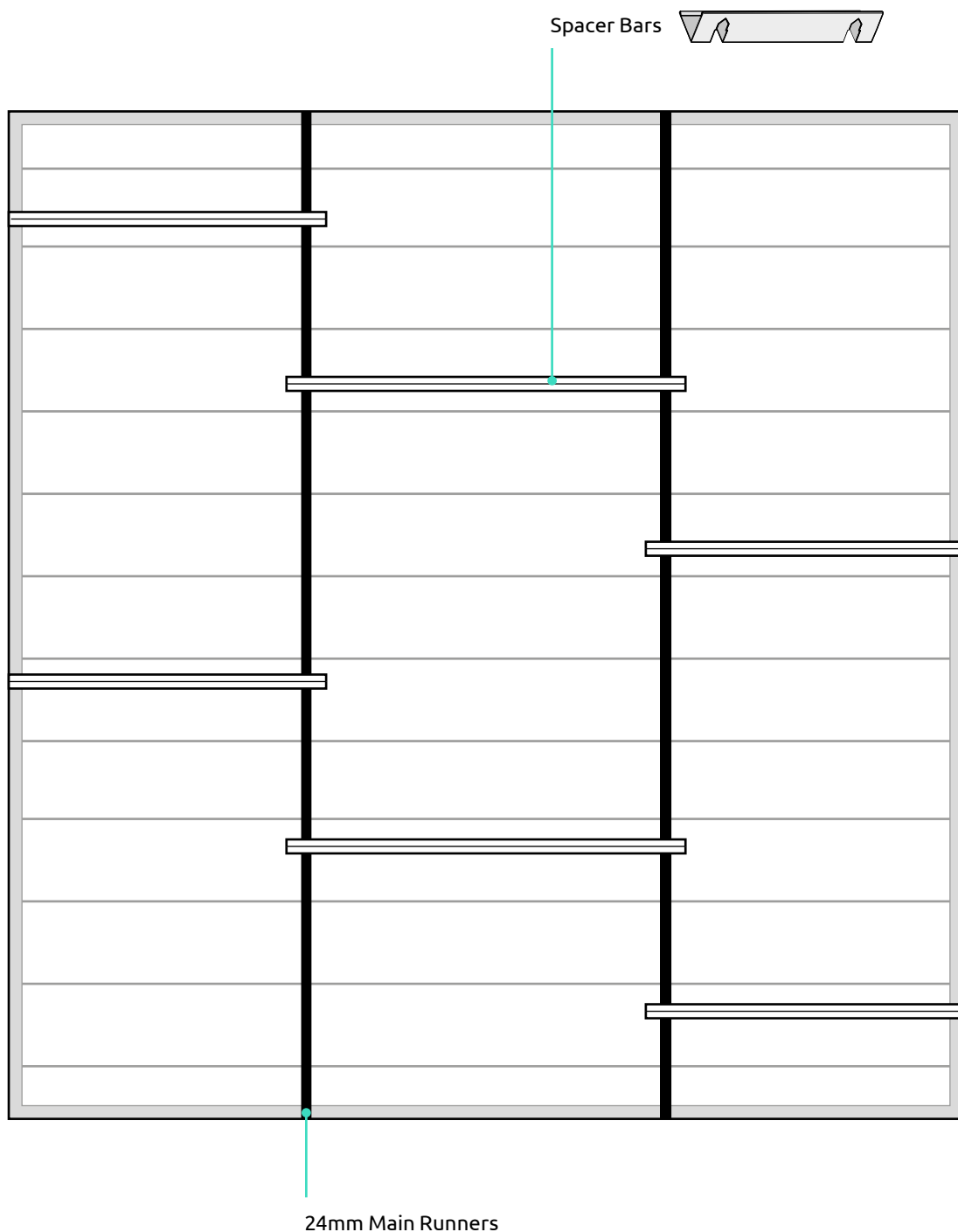
'L' perimeter trim fixings (1924 HE)



## 10 Room Installation

### Mineral Fibre Planks – Room Installation

- Install 24mm main runners in one direction, spaced at the correct centres for the length of the SL2 planks
- SL2 planks are then installed with a piece of 24mm main runner cut to length (module less 6mm) or use the correct length z profile. Take care to ensure adjacent rows are correctly aligned with each corner
- Spacer bars (staggered) at 1500mm centres to the back of the main runners are required to maintain the correct spacing

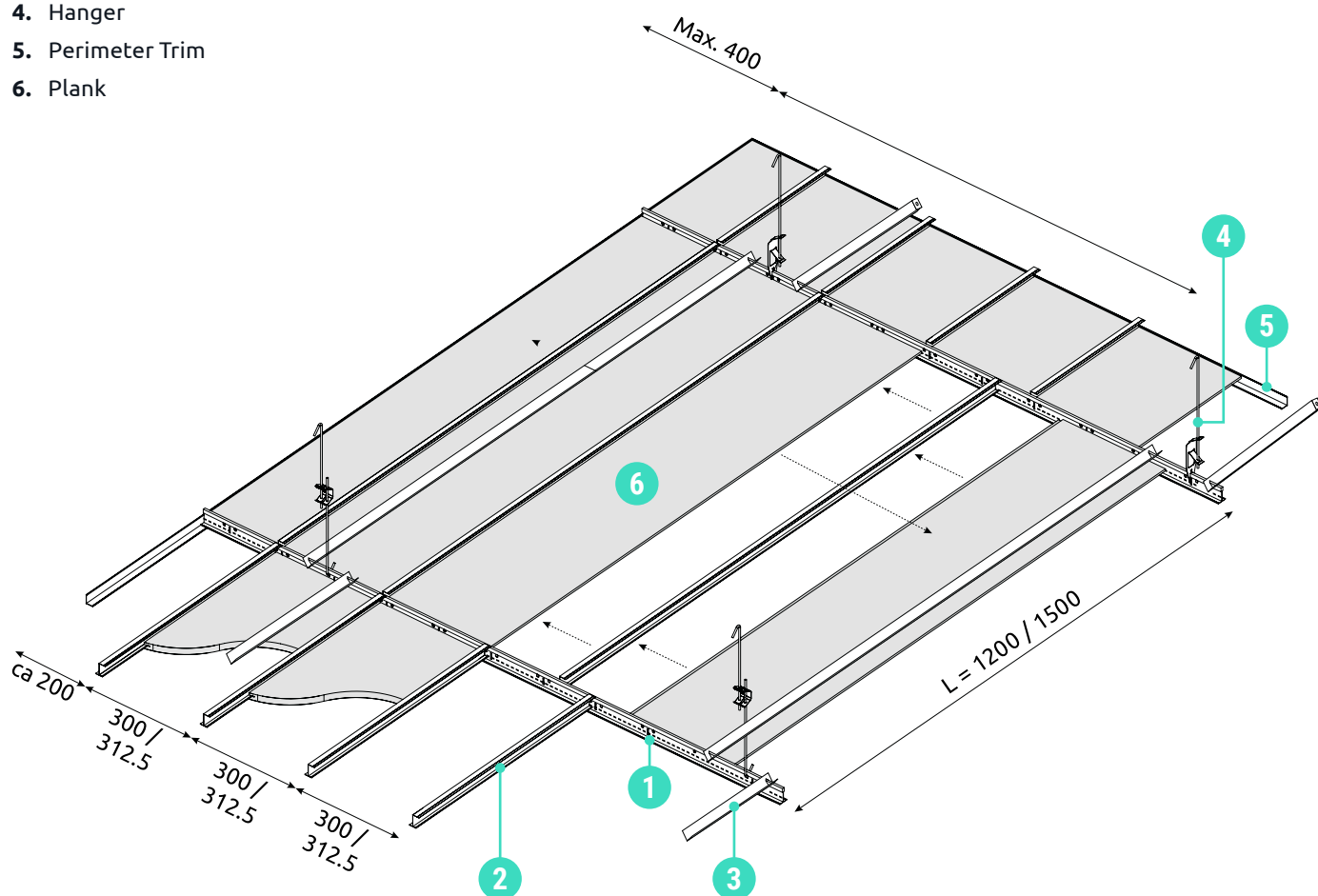


# 11 Room Installation

## SL2 Planks Room Installation

### Semi-concealed SL2

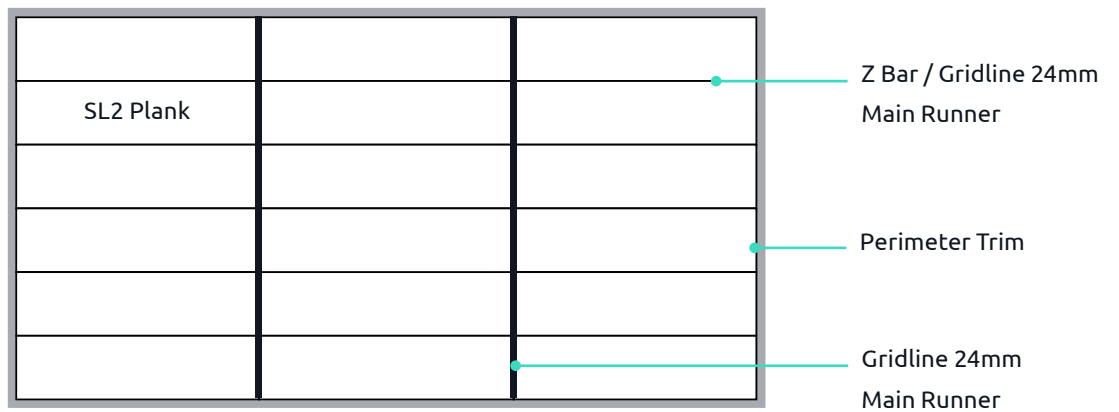
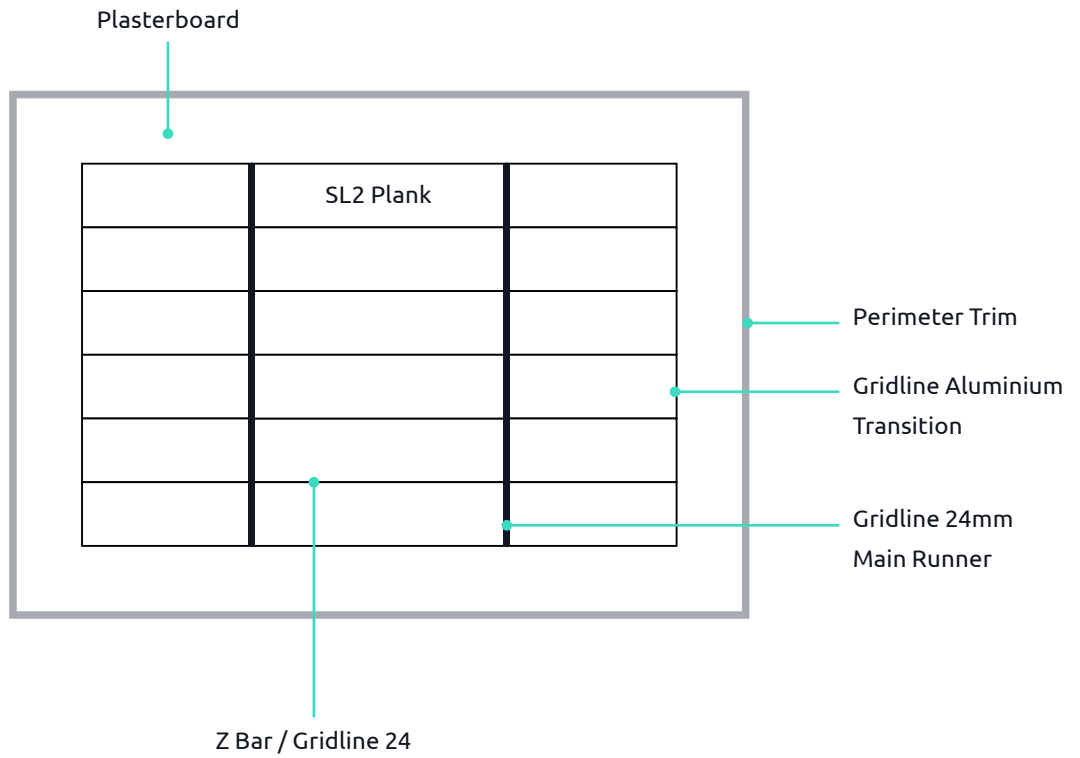
1. Main Runner
2. Z Bar\*
3. Spacer Bar
4. Hanger
5. Perimeter Trim
6. Plank



\*The Gridline 24 Main Runner can be used as an alternative to the Z Bar. All measurements in millimetres. All sizes are nominal. Availability of products may vary according to location. Please contact Zentia Technical Sales for further details.

# 12 Room Layouts

## Room Layouts

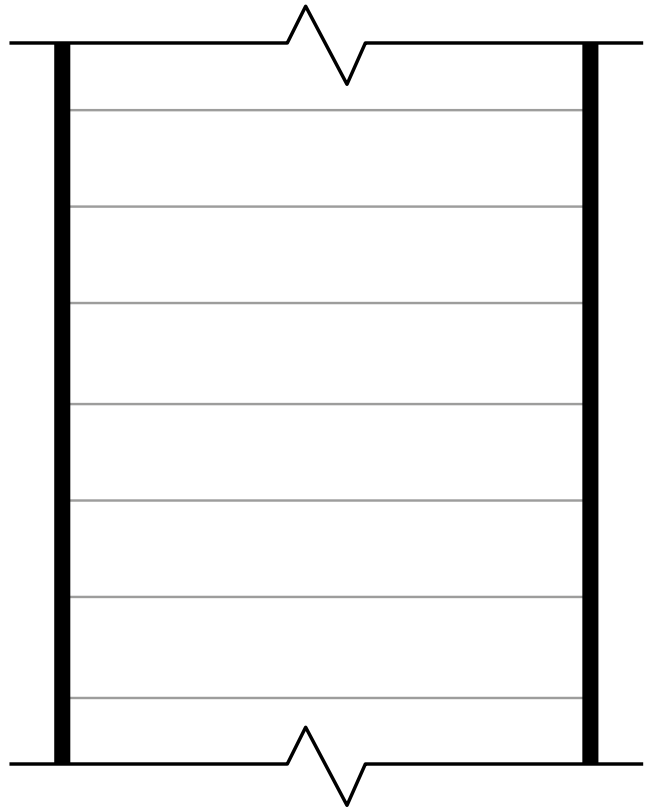


# 13 Corridor Installation

## SL2 Planks Corridor Installation

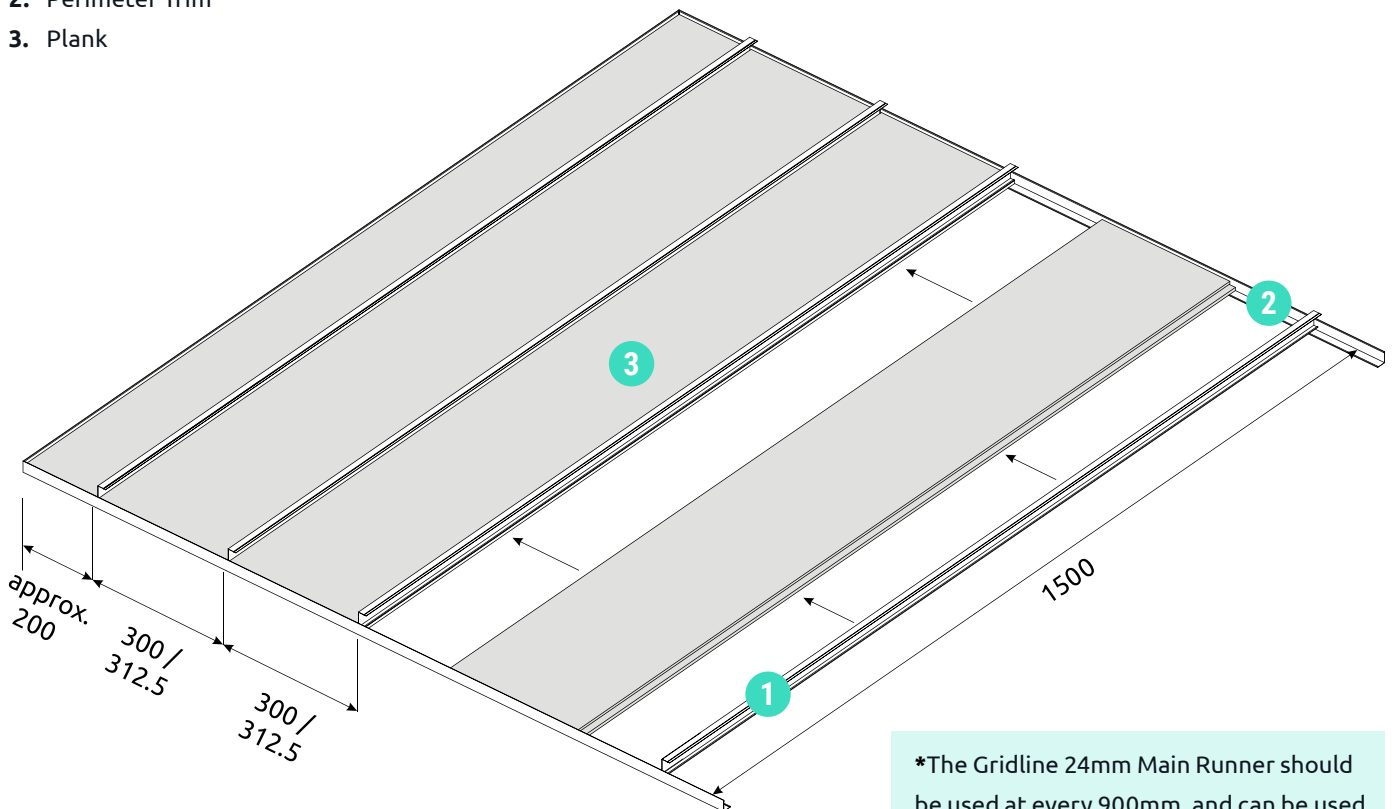
Install perimeter trims with fixings at 300mm centres. BPAWDN23 Double bent tee bar should be used to support the main runner every 900mm.

- // Spacer bars are not required
- // SL2 planks are then installed with a piece of 24mm main runner cut to length or use the correct length z profile (or cut to size as necessary)
- // The main runners (or Z Bars) should ideally be aligned with or close to the perimeter trim fixings to the wall

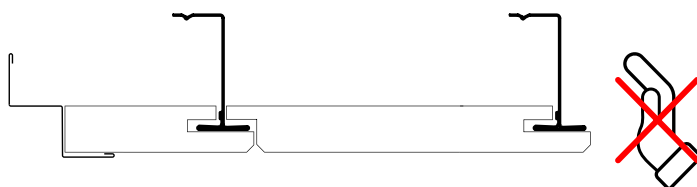


## Semi-concealed SL2 Corridor Installation

1. Z Bar\*
2. Perimeter Trim
3. Plank



\*The Gridline 24mm Main Runner should be used at every 900mm, and can be used as an alternative to the Z Bar.

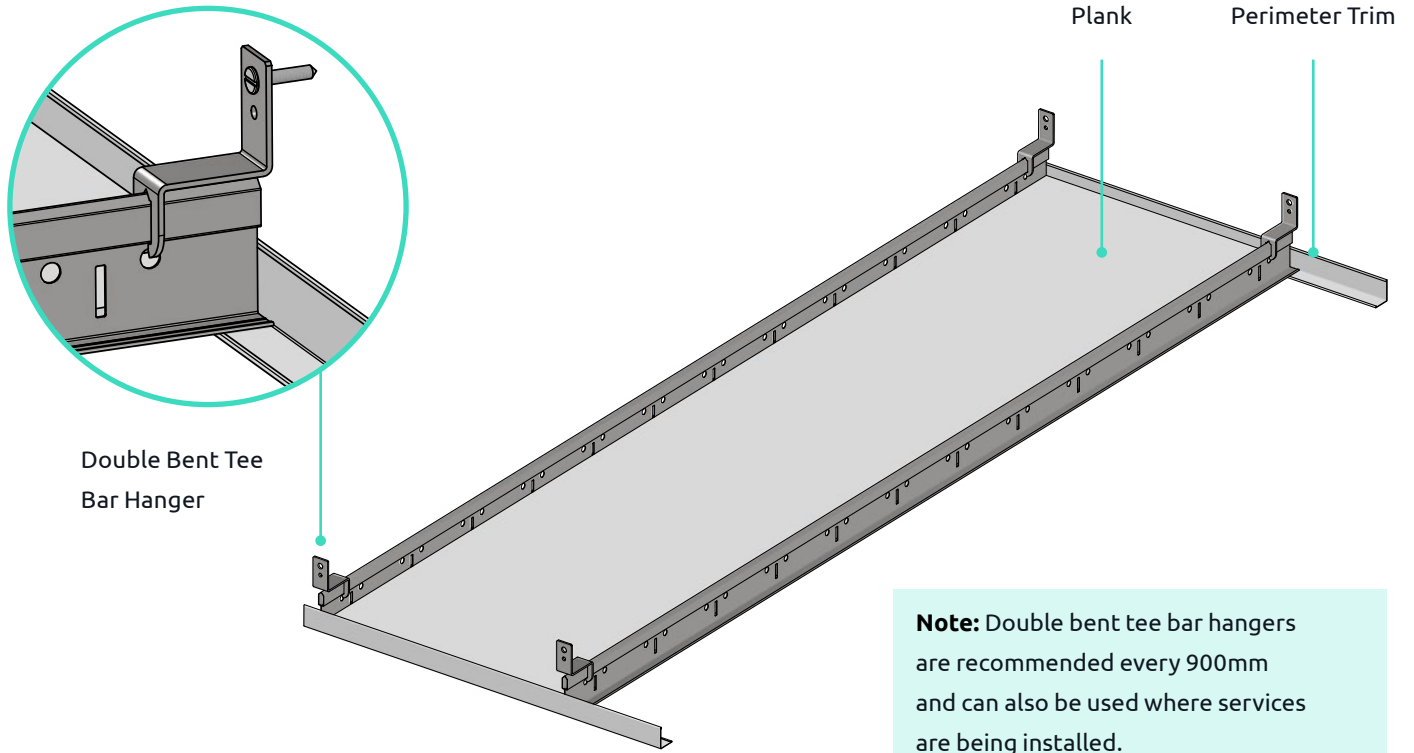


### Important Note:

Tiles should be slotted into place not pushed.

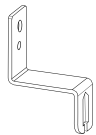
# 14 Corridor Installation

## Double Bent Tee Bar Hanger – Wall Fixing



Double Bent Tee Bar Hanger

**Note:** Double bent tee bar hangers are recommended every 900mm and can also be used where services are being installed.

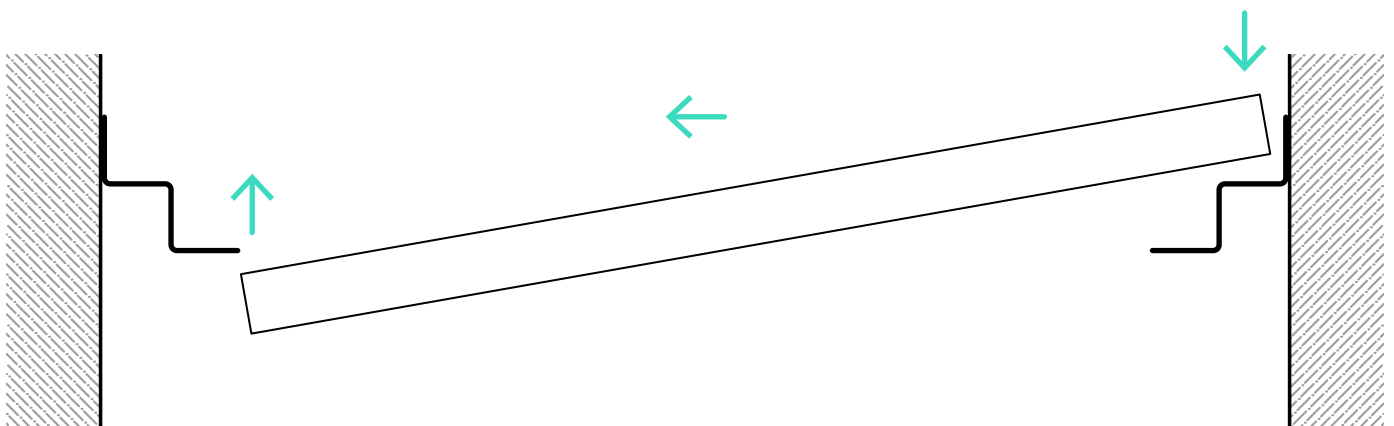


Item No.	Description	Length (mm)	Height (mm)
A WDN 23	Double bent tee bar hanger*	57	36

\*works with L Trim and Shadowline Trim

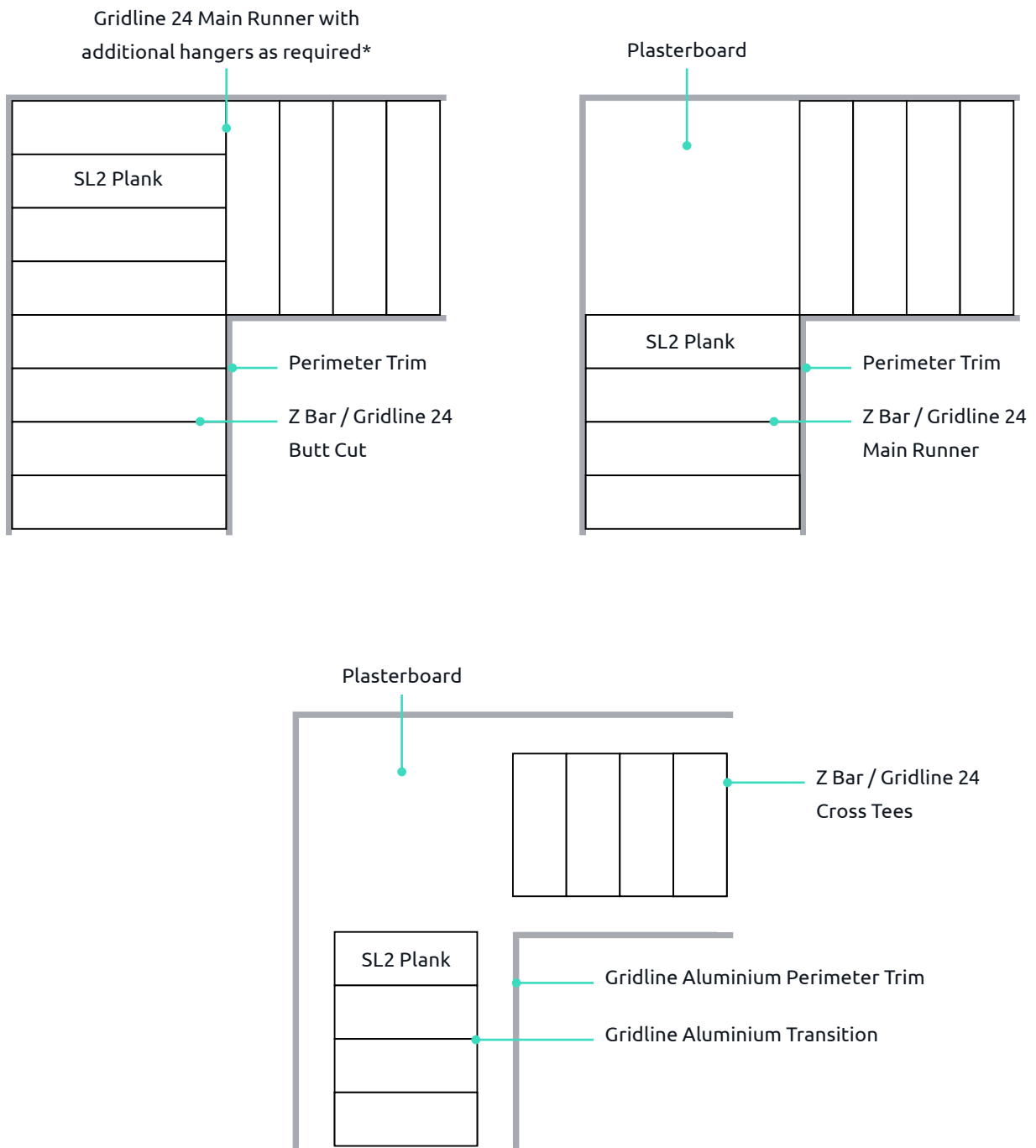
**IMPORTANT NOTE:**

Corridor installations require special consideration. Timber shadow battens or shadowline trims are recommended to ensure planks cannot 'fall off' the perimeter trim.



# 15 Corridor Layouts

## Corridor Corner Layouts

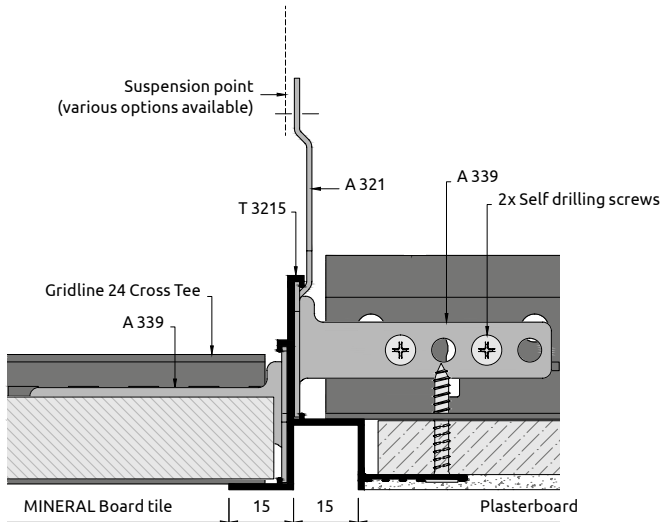


\*For any additional information please contact Zentia Technical Support **0800 371 849**

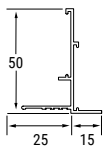
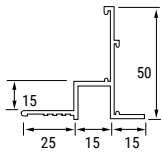
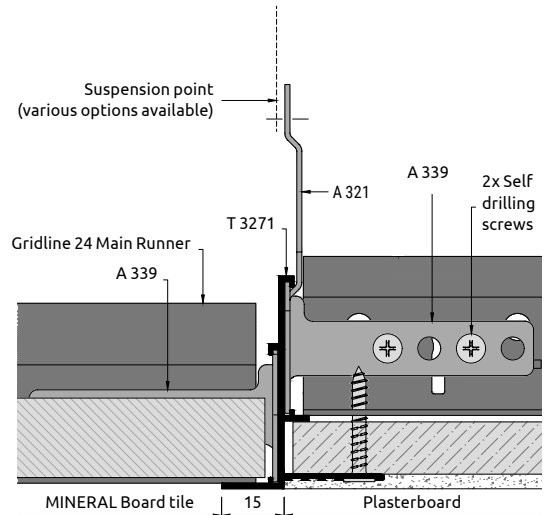
# 16 Gridline Aluminium Transitions

## Integrating Plasterboard Borders

### T 3215



### T 3271



Item No.	Description	Length (mm)	Height (mm)
T 3215	Gridline Aluminium Transitions Shadowline Angle	3000	50
T 3271	Gridline Aluminium Transitions Angle	3000	51

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