



## Gridline 24 Butt Cut & Joggled

Exposed 24mm grid system.

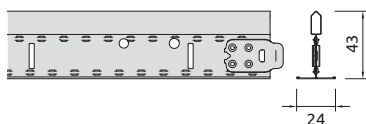
## Key Features

- Peak form Main Runner for strength and stability and easier to cut
- Double stitch on Main Runner and Cross Tees giving improved torsional strength
- SureLock clip secures Main Runner connection for better alignment and easier to disconnect
- Stainless steel clips with a positive audible click

## Physical Data

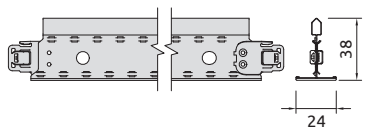
- Material: galvanised steel & stainless steel clips
- Surface finish: baked polyester paint
- Colour: all products available in Global White and Black RAL 9017 as standard as well as more colour choices from our Colour Collection

### Gridline 24 Universal peak form Main Runner with SureLock Clip (Bulb-to-Bulb Connection)



| Item No.    | Dimensions (mm) |       |        | Content/Carton |    | Weight/Carton | Cartons/Pallet |
|-------------|-----------------|-------|--------|----------------|----|---------------|----------------|
|             | Length          | Width | Height | pcs            | lm | Kg            |                |
| BPGMR243600 | 3600            | 24    | 43     | 20             | 72 | 21.00         | 30             |

### Gridline 24 Butt Cut (Stab System)



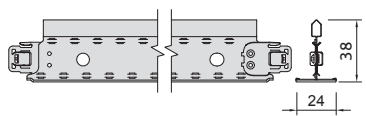
#### Cross Tees Slotted

|              |      |    |    |    |    |       |    |
|--------------|------|----|----|----|----|-------|----|
| BPGXTB241200 | 1200 | 24 | 38 | 60 | 72 | 18.20 | 72 |
|--------------|------|----|----|----|----|-------|----|

#### Cross Tees Unslotted

|             |     |    |    |    |    |    |     |
|-------------|-----|----|----|----|----|----|-----|
| BPGXTB24600 | 600 | 24 | 38 | 60 | 36 | 10 | 144 |
|-------------|-----|----|----|----|----|----|-----|

### Gridline 24 Joggled Cross Tees (Stab system)



#### Cross Tees Slotted

|              |      |    |    |    |    |       |    |
|--------------|------|----|----|----|----|-------|----|
| BPGXTJ241200 | 1200 | 24 | 38 | 60 | 72 | 18.20 | 72 |
|--------------|------|----|----|----|----|-------|----|

#### Cross Tees Unslotted

|             |     |    |    |    |    |    |     |
|-------------|-----|----|----|----|----|----|-----|
| BPGXTJ24600 | 600 | 24 | 38 | 60 | 36 | 10 | 144 |
|-------------|-----|----|----|----|----|----|-----|

## Sustainability



25



## Fire Reaction



Euroclass A1  
EN 13501-1

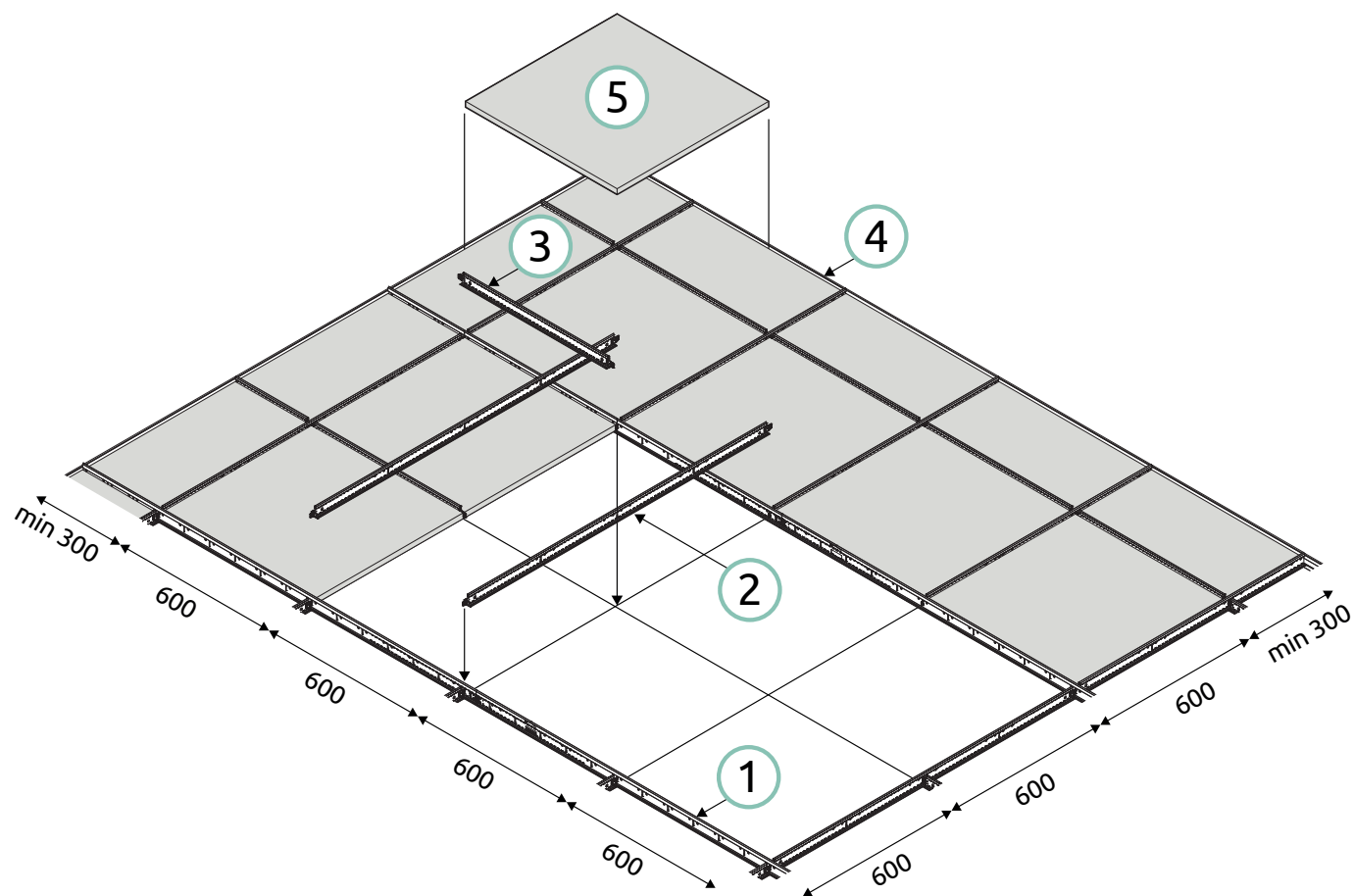
Euroclass A2-s1, d0  
EN 13501-1 (Colour collection)

## Performances & Features



System Drawing

Standard lay-in installation of 24 mm exposed suspension system for Tegral24 tiles and specific Board tiles.



| Main Runner Centres | Hanger Centres | Quantities required per 1m² (no waste included) |                    |                   | 5 Tiles                   |
|---------------------|----------------|---|--------------------|-------------------|---------------------------|
|                     |                | 1 Main Runner                                   | 2 Cross Tee 1200mm | 3 Cross Tee 600mm |                           |
| 1200 mm             | 1200 mm        | 0.84 lm   | 1.67 lm            | –                 | 1200 x 600 mm<br>1.39 pcs |
| 600 mm              | 1200 mm        | 1.67 lm   | –                  | 0.84 lm           |                           |
| 1200 mm             | 1200 mm        | 0.84 lm   | 1.67 lm            | 0.84 lm           | 600 x 600 mm<br>2.78 pcs  |
| 600 mm              | 1200 mm        | 1.67 lm   | –                  | 1.67 lm           |                           |

The chart is for general guidance only.

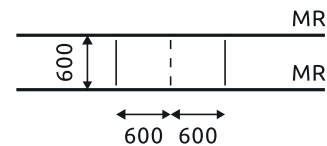
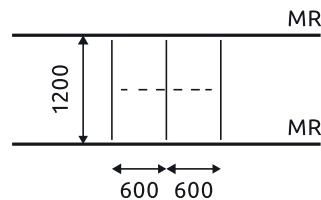
4 Perimeter trim approx. 0.70 lm/m²

## Grid Load Capacities

The following table gives the maximum permitted hanger distance (mm) along the peak form Main Runner for the tile weights and Main Runner spacings noted.

| Gridline 24 Main Runner – BPGMR243600 |  |                            |
|---------------------------------------|--|----------------------------|
| Main Runner Centres (mm)              | 1200   | 600                        |
| Cross Tee(s)                          | BPGXTJ241200, BPGXTJ24600<br>BPGXTB241200, BPGXTB24600 | BPGXTJ24600<br>BPGXTB24600 |

Configuration  
(Main Runner  
horizontal)




| Weight of Ceiling Tile (kg/m <sup>2</sup> ) | Maximum suspension spacing along Main Runner (mm) |      |
|---|---|------|
| 2.5 kg/m <sup>2</sup>                       | 1900  | 2100 |
| 3.0 kg/m <sup>2</sup>                       | 1800  | 2100 |
| 3.5 kg/m <sup>2</sup>                       | 1750  | 2100 |
| 4.0 kg/m <sup>2</sup>                       | 1700  | 2100 |
| 5.0 kg/m <sup>2</sup>                       | 1600  | 2000 |
| 5.5 kg/m <sup>2</sup>                       | 1550  | 1950 |
| 6.0 kg/m <sup>2</sup>                       | 1500  | 1900 |
| 7.0 kg/m <sup>2</sup>                       | 1450  | 1800 |
| 8.5 kg/m <sup>2</sup>                       | 1300  | 1700 |
| 10.5 kg/m <sup>2</sup>                      | 1200  | 1600 |
| 13.0 kg/m <sup>2</sup>                      | 1050  | 1500 |
| 14.0 kg/m <sup>2</sup>                      | 1000  | 1450 |

- // Values in the above table conform to Class 1 as defined in EN 13964:2014 table 6.  
For other classes/deflection limits please contact your local Zentia Technical Team
- // Values are determined from laboratory tests methods in accordance with EN 13964:2014 clause 5
- // Values are applicable for 600 x 600 mm tiles assuming that the maximum deflection of the grid is L/500 but not greater than 4 mm (L=span)
- // No additional 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 acoustic, 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

Gridline 24 Butt Cut is available in an additional 34 colour options to match our tile colour range.

## Colours

Add the following codes to the end of the product code for more colour options

|   |   |   |   |  |   |   |   |
|---|---|---|---|--|---|---|---|
| <br>GY1<br>RAL 000 85 00 | <br>BL5<br>RAL 260 90 05 | <br>GR5<br>RAL 130 90 10 | <br>YE3<br>RAL 080 90 10 | <br>OR3<br>RAL 050 90 10 | <br>RE5<br>RAL 010 90 10 | <br>PU5<br>RAL 340 90 05 | <br>BR4<br>RAL 050 70 10 |
| <br>GY2<br>RAL 000 65 00 | <br>BL4<br>RAL 260 80 15 | <br>GR4<br>RAL 130 80 30 | <br>YE2<br>RAL 075 80 40 | <br>OR2<br>RAL 050 80 30 | <br>RE4<br>RAL 020 80 20 | <br>PU4<br>RAL 340 80 20 | <br>BR3<br>RAL 050 70 20 |
| <br>GY3<br>RAL 000 30 00 | <br>BL3<br>RAL 260 50 25 | <br>GR3<br>RAL 140 50 30 | <br>YE1<br>RAL 1003      | <br>OR1<br>RAL 2009      | <br>RE3<br>RAL 020 60 40 | <br>PU3<br>RAL 340 60 35 | <br>BR2<br>RAL 040 30 30 |
| <br>BK1<br>RAL 9005      | <br>BL2<br>RAL 260 30 20 | <br>GR2<br>RAL 140 30 20 |   |  | <br>RE2<br>RAL 020 30 40 | <br>PU2<br>RAL 340 30 30 | <br>BR1<br>RAL 8004      |
|   | <br>BL1<br>RAL 5015      | <br>GR1<br>RAL 6037      |   |  | <br>RE1<br>RAL 3020      | <br>PU1<br>RAL 4006      |   |

We recommend ordering a full colour sample prior to specification and ordering. If you would like to order a sample or have any queries about this product please contact our Technical Sales Team on 0800 371 849 or email [enquiries@zentia.com](mailto:enquiries@zentia.com).

Please note that even though great care has been taken to ensure correct colour match, colours can only be as accurate as the printing process allows.

Every monitor or mobile display has a different capability to display colours, and every individual may see these colours differently.



Order a sample

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