Component List

1  Ceiling panel
6  L-angle
8/9/55  Vernier suspension
54  Post cap profile
78  Drilling screw

a  Constructional height
celling panel
b  System height
## Ceiling panel types

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lay-In</td>
</tr>
<tr>
<td>2</td>
<td>Lay-In with Hook-On edge</td>
</tr>
<tr>
<td>3</td>
<td>Lay-In with Hook-On notch</td>
</tr>
<tr>
<td>4</td>
<td>Lay-In, Swing-Down and slide option on longitudinal side</td>
</tr>
<tr>
<td>6</td>
<td>Lay-In, Swing-Down and slide option on short side</td>
</tr>
</tbody>
</table>

### Material
- Galvanised sheet steel

### Panel length
- 250 – 3300 mm (depending on the ceiling panel type)

### Panel width
- 200 – 1250 mm (depending on the ceiling panel type)

### Joint width
- Butt joint, 1, 3 or 5 mm

### Serviceability
- Swing-Down and slide option or removable without tools (depending on the ceiling panel type)

### Characteristic
- Installation of partition walls is possible

### Additional components
- Heating/cooling technology (Plafotherm® B 100), integrated lighting solutions, longitudinal sound reduction (LMD-B 100 SD)

### Post cap width
- 100, 125, 150, 200 mm, further widths possible

### Max. post cap distance
- 3406 mm

### Constructional height ceiling panel
- a 30 – 50 mm

### System height b
- approx. 95 mm

### Weight
- approx. 8 – 10 kg/m² (without fixtures/installations)

### Wall connection options
- L-angle, shadow gap trim, open wall connection

### Surface
- Powder coating

### Colour
- e. g. RAL 9010, many RAL, NCS and DB colours available

### Perforation
- e. g. Rg 2.5-16, many standard perforations available

### Light reflectance
- RAL 9016, unperforated tested to DIN 5033 approx. 82 %

### Sound absorption
- Depending on perforation and acoustic inlays tested to EN ISO 354 tested to ISO 354, rated to ASTM C 423 up to $\alpha_w = 1.00$, sound absorption class A up to $\text{NRC} = 0.95$

### Building material class
- Metal ceiling element, powder coating and acoustic tissue tested to EN 13501-1 tested to ASTM E 84 A2-s1, d0 Class A (IBC)

### Assessment of flue gas
- tested to DIN 4102-1 – annex C Harmless toxicity of flue gas

### Durability
- according to EN 13964, table 8 and 9 Exposure class A (interior)

### Explosion protection
- up to 63 kPa blast pressure

### Green Building
- Environmental product declarations (EPD) according to ISO 14025 validated according to ISO 14021 self-declared

### Certification/Regulations
- Optional Cradle to Cradle Silver certification (No. 3187)
- Metal ceiling element, white powder coating, acoustic tissue and substructure
- Execution of the system ceilings tested to EN 13964