Component List

1 Ceiling panel
7/8/9 Vernier suspension
18 Self-tapping screw
23 Hook-on profile
24 Connector for suspension channel to hook-on profile
26 Suspension channel

a Constructional height ceiling panel
b System height

Detail – Ceiling panel type 2

Section – Ceiling panel type 2
# Ceiling panel types

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>Hook-On/Lay-On</td>
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<tr>
<td>3</td>
<td>Hook-On/Lay-On self-aligning</td>
</tr>
<tr>
<td>4</td>
<td>Hook-On on both sides</td>
</tr>
<tr>
<td>5</td>
<td>Hook-On/Lay-On, cassette</td>
</tr>
</tbody>
</table>

## Material
- Galvanised sheet steel

## Panel length
- 250 – 3000 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
- Removable without tools

## Characteristic
- Concealed substructure

## Additional components
- Heating/cooling technology (Plafotherm® E 200), integrated lighting solutions

## Constructional height ceiling panel
- 30 – 50 mm

## System height b
- approx. 98 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 NRC = 0.95

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

## Seismic safety
- Earthquake-proof construction possible

## 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. 4439)
- Metal ceiling element, white powder coating, acoustic tissue and substructure
- Execution of the system ceilings tested to EN 13964
- Quality standard according to the technical regulations of TAIM
  (Association of Industrial Metal Ceiling Manufacturers TAIM e.V.)

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This product data sheet refers to the standard version of the ceiling system mentioned above. Project-specific constructions and adaptations have to be additionally gathered from the offer documents.