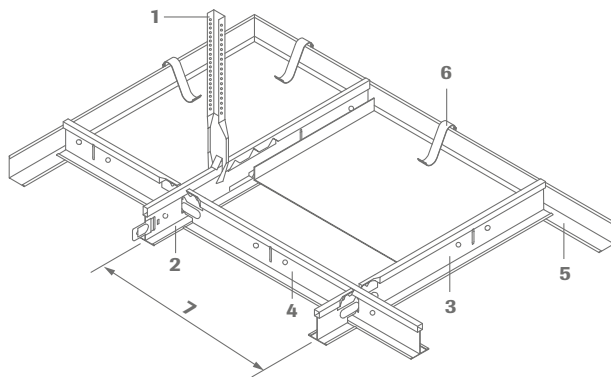


Visible, demountable system with  
increased corrosion protection

OWAtecta – metal ceilings

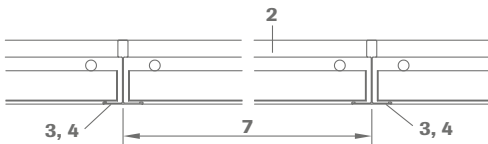
**OWA**

## System S 33e | Visible, demountable

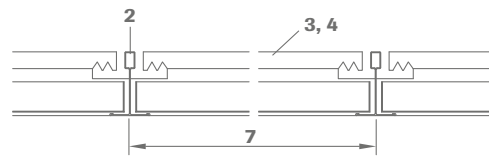


- 1 Hanger no. 17/45KB
- 2 Main tee no. 45KB
- 3 Cross tee no. 46KB
- 4 Cross tee no. 47KB
- 5 Wall angle no. 50KB
- 6 Wall clip no. 99009
- 7 Module distance

### Section:

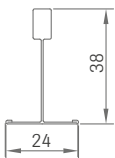


### Cross-section:



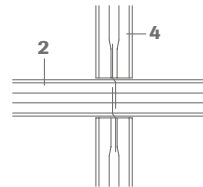
### Section dimensions:

No. 45KB, no. 46KB  
and no. 47KB




### Installation:

The cross tees are provided with hanging flaps at both ends. Two cross tees must be inserted into a slit. Here, it should be ensured that the contoured flaps are attached aligned and not laterally reversed. The ends of the hanger profiles are provided with click connectors.



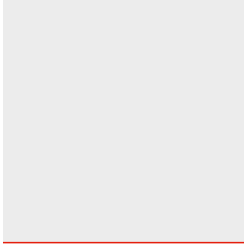
## Technical data

<b>Dimensions</b>	625 x 625 mm
<b>Material</b>	Galvanised sheet steel, powder-coated on both sides
<b>Colour</b>	White (similar to RAL 9003)
<b>Reaction to fire</b>	OWAtecta tile: A2-s1,d0 in accordance with EN 13501-1 OWAconstruct structural elements: A1 in accordance with EN 13501-1
<b>Edges</b>	K 03 
<b>Thickness</b>	Approx. 0.6 mm
<b>Metal suspension</b>	OWAconstruct support grid: all metal parts are protected against corrosion with 275 g zinc/m <sup>2</sup> /side and given an additional 25 µm coating on both sides
<b>Minimum suspension depth</b>	75 – 100 mm (depending on the concrete present) 120 mm for the convenient removal of the tiles
<b>Corrosion protection</b>	OWAtecta tile: Class C in accordance with EN 13964 OWAconstruct sub-construction: Class D in accordance with EN 13964 for use in indoor swimming pools and wet rooms (for further information please contact our department: <a href="mailto:anfragen_consult@owa.de">anfragen_consult@owa.de</a> )

## Perforations:

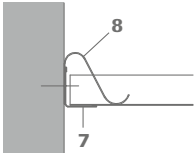


$\alpha_w = 0.05$  | NRC = 0.05



### L0 un-perforated

## Wall perimeter:

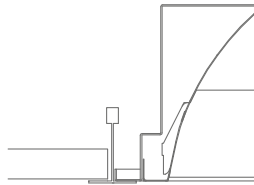


L wall angle **no. 50KB**,  
steel, visible side white  
+ wall clip no. 99009

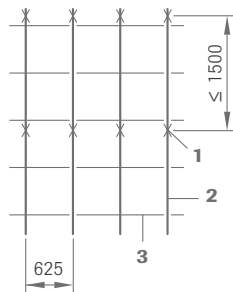
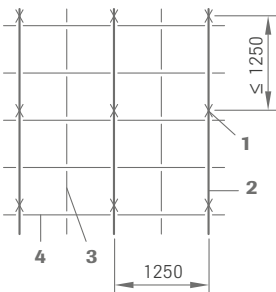
## Integrated lighting:

OWA can supply compatible light fixtures for this system.

For details of installation please see [OWA-brochure 9630 e](#) and [OWAtecta Installation Guide 9303 e](#).



## Installation examples:



## Caution:

For use in indoor swimming pools and wet rooms, additional measures must be observed. For further information please contact our consulting department OWAconsult or please note [OWAtecta Installation Guide 9303 e](#). When installing suspended ceilings in rooms where class D corrosion protection is required all cut surfaces and edges must be treated with Zincor or conventional industrial alu-zinc-sprays, in order to prevent corrosion (also see section 4.3.1 of [OWAtecta Installation Guide 9303 e](#)).

## Material requirements per m<sup>2</sup> (approximations):

module sizes in mm

No.	Description	625 x 625	625 x 625 *
17/45KB	Hanger	0.7 piece	1.1 piece
45KB	Main tee	0.8 m	1.6 m
46KB	Cross tee	0.8 m	1.6 m
47KB	Cross tee	1.6 m	–
99009	Wall clip	Depending on room size and shape	
50KB	Wall angle	Depending on room size and shape	

## Weight per m<sup>2</sup>:

	625 x 625	625 x 625 *
Suspension system approx.	1.2 kg/m <sup>2</sup>	1.22 kg/m <sup>2</sup>
Cassettes approx.	Approx. 4.5 kg/m <sup>2</sup>	

\* Installation with reduced hanger profile distance (≤ 625 mm)

### Blue Angel

These products meet the Ecolabel requirements for „Low-emission thermal insulation and ceiling products designed for use in buildings, RAL UZ 132“ (October 2010 edition).



### VOC emissions OWA tecta metal ceiling tiles

Appropriate for use in indoor spaces in accordance with the AgBB and the „approval principles regarding health assessments of construction products in indoor spaces“.

In clinical and hygienic-sensitive areas:  
**surface** un-perforated (L0)



Please refer to OWA-brochure no. 9398 e and [OWA tecta Installation Guide 9303 e](#) for recommendations regarding classification and versions.

## System description:

**visible, demountable OWAconstruct system S 33e (lay-in system)**

### Quality requirements:

OWA tecta lay-in tiles made of galvanised steel sheet, unperforated. White on both sides (similar to RAL 9003). Regarding material characteristics, size and colour accuracy, we follow our quality guidelines, which are on par with TAIM guidelines (Association of Industrial Metal Ceiling Manufacturers) as well as EN 13964.

Special features can be found in the [OWA tecta Installation Guide 9303 e](#).

## Product warranties

The information provided in this leaflet is based on the standards and data available at the time of publication. Any performance, warranties or guarantees provided, expressed or implied, are subject to the exclusive use of OWA components and the installation of those components in accordance with our recommendations. Failure to adhere to these conditions will result in the invalidation of any performance claims, warranties or guarantees and rejection of any liability. OWA reserves the right to make any technical improvements to the products, systems or services without prior notice. **All goods and services are supplied in accordance with our current Terms and Conditions of Sale.** Errors excepted!

# OWA

The information in this brochure is up-to-date at the time of publication. Subject to alterations. Please contact our OWAconsult team for specific advice. Our experts will be happy to answer your questions using the following contact details: tel: +49 9373 201-444 or e-mail: [info@owaconsult.de](mailto:info@owaconsult.de)

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