

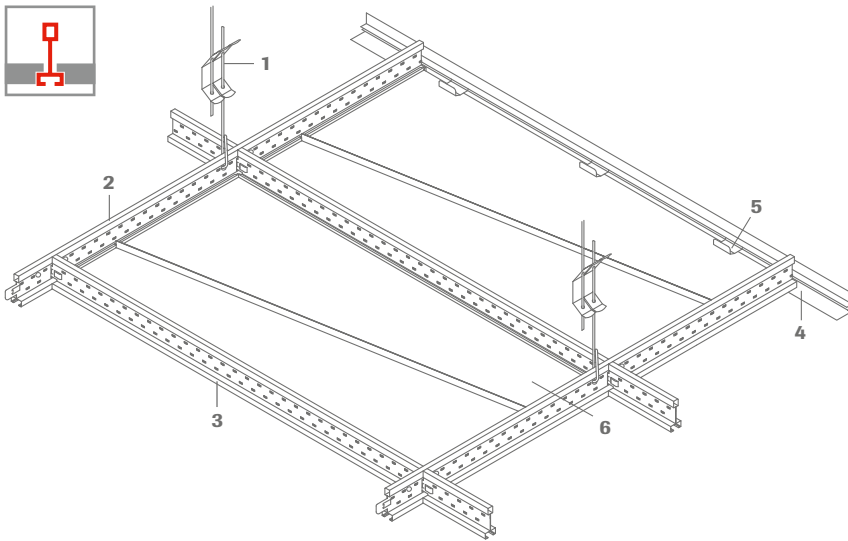


Visible, demountable

OWAtecta® – metal ceilings

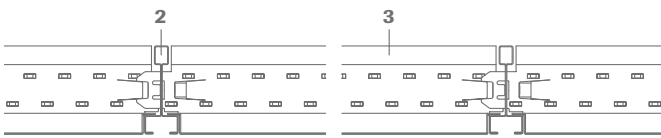
**OWA**

## System S 45b Trapeze | Visible, demountable

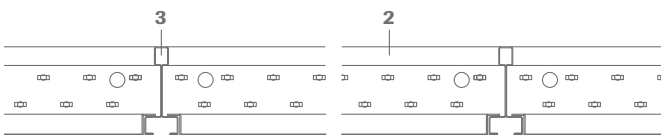


- 1 Hanger no. 12/.../...
- 2 Main tee no. 3500, slotted every 600 mm
- 3 Cross tee no. 3524, 1200 mm
- 4 F-Wall angle no. 50F
- 5 Wall spring no. 5220
- 6 Trapeze metal tile
- 7 Wall angle no. 50G
- 8 Wall spring no. 99009
- 9 Shadow wall angle no. 50/15G
- 10 Wall spring no. 99010
- 11 F-Shadow wall angle no. 5620F

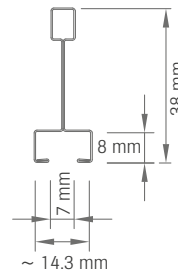
### Cross-section:



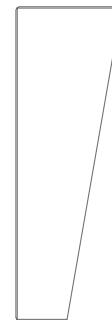
### Section:



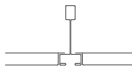
### Section dimension: No. 3500 and no. 3524



### Trapeze metal tile:



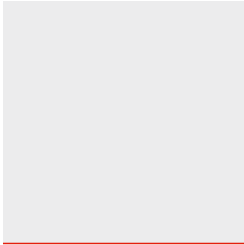
## Technical data

<b>Dimensions</b>	1200 x 400/200 mm
<b>Material</b>	Galvanized steel, perforated design with glued-in black acoustic fleece
<b>Colour</b>	White (similar RAL 9003)
<b>Reaction to fire</b>	Depending on product type A1 or A2-s2,d0 in accordance with EN 13501-1
<b>Edge</b>	K 16 
<b>Thickness</b>	Approx. 0.6 mm
<b>Metal suspension</b>	All metal components listed are galvanized steel or white coated galv. steel respectively.
<b>Suspension depth</b>	80 - 100 mm when using hanger no. 09/45, extension no. 09/5 and no. 76 (depending on the existing soffit). For ease of access the minimum recommended suspension height is $\geq 120$ mm.

## Perforations:



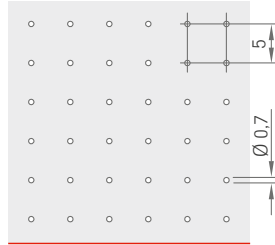
$\alpha_w = 0.05$  | NRC = 0.05



**L0 un-perforated**



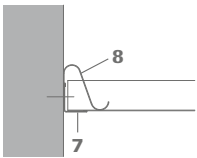
$\alpha_w = 0.55$  | NRC = 0.55



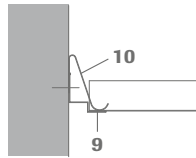
**Rg0701**

$\varnothing = 0.7$  mm  
1 % open area

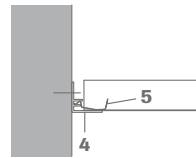
## Wall perimeters:



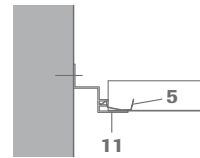
L-wall angle,  
**No. 50G**  
steel, visible side white  
+ wall spring no. 99009



Shadow wall angle,  
**No. 50/15G**  
steel, visible side white  
+ wall spring no. 99010



F-wall angle,  
**No. 50F**  
aluminium, visible side white  
+ wall spring no. 5220



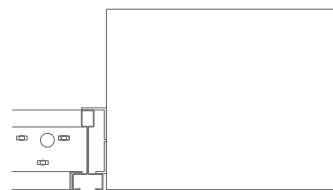
F-shadow wall angle,  
**No. 5620F**  
aluminium, visible side white  
+ wall spring no. 5220

For more information about installation, see OWAtecta® Installation Guide no. 9303 e.

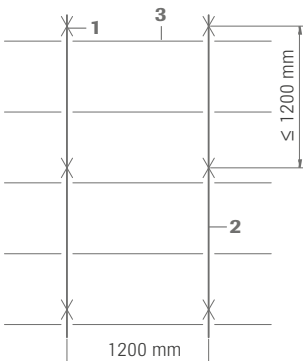
## Light fixtures:

OWA can supply compatible light fixtures for this system.

For details of installation please see OWA-brochure no. 9630 e and OWAtecta® Installation Guide no. 9303 e.



## Installation example:



Module: 1200 x 600 mm

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

module sizes in mm

No.	Description	1200 x 600
12/.../...	Hanger	0.7 pce
3500	Main tee	0.83 m
3524	Cross tee long	1.66 m
50F	F-Wall angle	Depending on room size and shape
5220	Wall spring	Depending on room size and shape

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

	1200 x 600
Suspension system approx.	1.0 kg/m <sup>2</sup>
Cassettes approx.	5.0 kg/m <sup>2</sup>

## 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<sup>®</sup>tecta<sup>®</sup> 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“.

## System description:

**visible, demountable OWA<sup>®</sup>tecta<sup>®</sup> system S 45b Trapeze**

## Quality requirements:

OWA<sup>®</sup>tecta<sup>®</sup> metal tiles manufactured from galvanized steel, available as un-perforated or perforated with glued-in acoustic fleece version, visible face white (similar 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.

For special situations, for example addition of wool overlays, light fixtures, cold roofs, high humidity and open areas etc., see OWA<sup>®</sup>tecta<sup>®</sup> Installation Guide no. 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

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