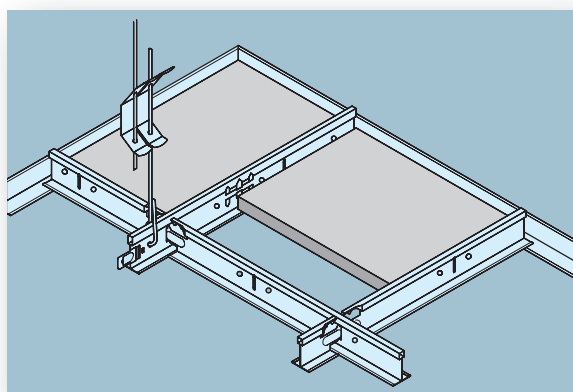




In the following OWAconstruct® pages you will find many different system variations and accessories which can be used in combination with OWAacoustic® ceiling tiles. The different systems can decisively influence the appearance of the ceiling field and are consequently an important design factor. There are several different ceiling system types to select from, for example, exposed or semi concealed tiles. These can be combined with various different suspension types as well as with lighting fixtures, air conditioning units etc. You will find many ideas of how to achieve your design and functional objectives in these pages or you can simply call us to discuss your requirements.



## **Experience in ceilings – we never imitate**

With more than 60 years of ceiling tile manufacturing experience, we are confident in the quality and security of the technical standards delivered with all our products. This is, of course, also valid for our metal suspension and accessories systems. There are over 7,000 components in the OWAconstruct® programme with coloured sections, gallery perimeter sections, wide span bearers, light fittings, cooling units, etc, so we can provide a cost effective solution for almost every installation requirement.

## **Be on the safe side with OWAconstruct®**

With the decision to use our suspension and assembly systems you are assured of having the highest security and reliability on your side. The relevant fire test certificates are available to confirm the suitability and technical testing performance of our products when used in conjunction with OWAacoustic® mineral wool tiles.

## Wall junctions (Examples)

Fig. 1

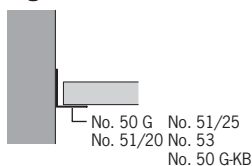


Fig. 2

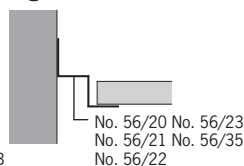
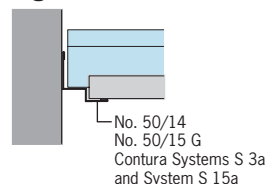


Fig. 3



## Curved wall trims

### 1. Material

The standard curved perimeter wall sections are produced from pre-coated steel. They can be supplied in aluminium on request.

### 2. Measurements

The curved wall sections are co-ordinated to suit standard trim.

### 3. Paint finish

The wall sections are supplied white painted on the exposed surfaces. As with all OWAconstruct® components other colours are available on request.

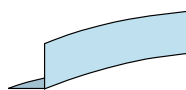
### 4. Fire protection

Curved wall sections in steel can be used with OWA ceilings that provide fire protection requirements to DIN 4102 and EN 13501-2.

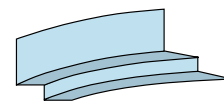
### 5. Special wall trims

Special curved wall sections such as F-angles or profiles are available on request. All we need is a sketch giving the measurements.

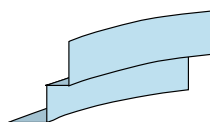
No. 50 G



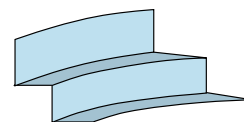
No. 50/15 G



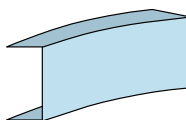
No. 56



No. 56/20



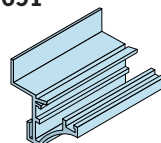
No. 57



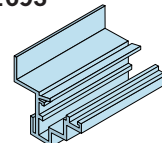
## Shadow perimeters with Gallerie sections

These perimeter trims owe their name to a particular benefit: the fundamental application of hanging items such as pictures or other exhibits. Gallerie profiles function as standard wall sections but with higher creative ability. They can form a practical and decorative solution to the junction between wall and ceiling surfaces.

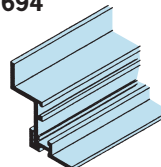
No. 1691



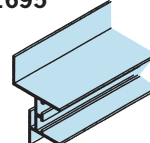
No. 1693



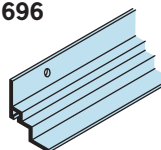
No. 1694



No. 1695



No. 1696



## Coloured sections

Creating an interesting interaction with suspension components and ceiling tiles - 'Tone-on-Tone' - expressed in colour. Exposed metal suspension sections can be supplied in all colours.

For further sections see OWA Price list.



## System S 7

OWAplan®, spray plastered jointless

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

1200 x 800 mm

2400 x 1200 mm

#### Thickness:

20 mm nom.

#### Building Material Class:

A2-s1,d0 to EN 13501-1

#### Edge detail:

3p OWA

#### Metal suspension:

All metal components listed are zinc galvanized steel. For further details see Installation Guide OWAplan and OWA Price list.

#### Suspension depth:

Minimum suspension depth

115 – 140 mm (from underside of soffit).

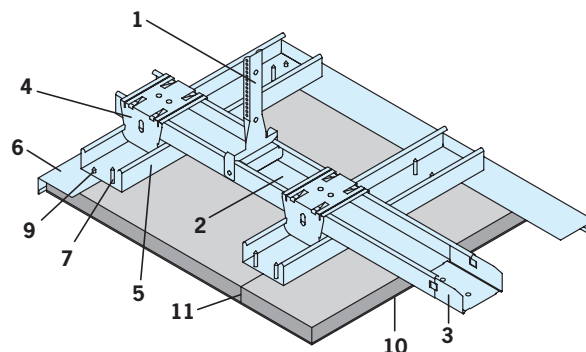
Direct fixing approx. 90 mm.

#### Fire protection:

Below concrete ceiling:

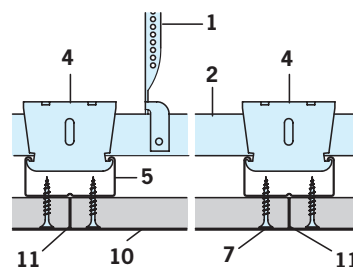
F 120 (DIN 4102)

REI 120 (EN 13501-2)

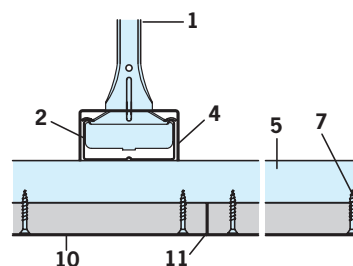


- |                          |   |
|--------------------------|---|
| 1 Metal hanger           | 8 Direct hanger                                   |
| 2 C-Channel first layer  | 9 Screw   |
| 3 Length coupling        | 10 Glas fibre textile + textured acoustic plaster |
| 4 Intersection connector | 11 Glue   |
| 5 C-Channel second layer |   |
| 6 Perimeter trim         |   |
| 7 Screw                  |   |

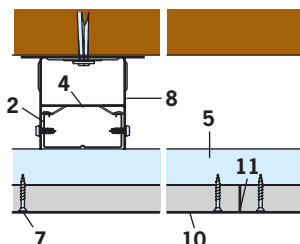
#### Section:



#### Cross section:



#### Direct fixing:



# System S 3, S 15

Exposed, demountable

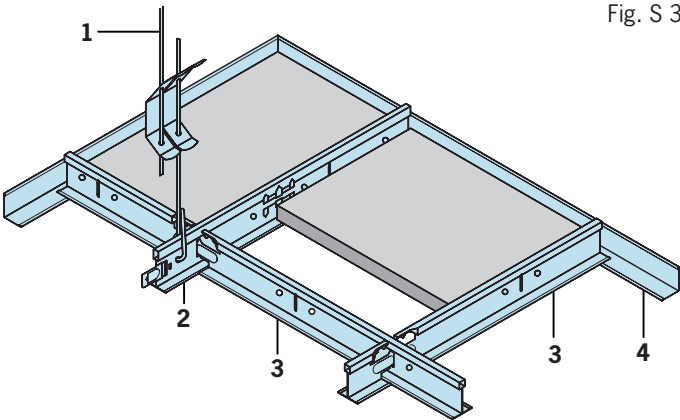
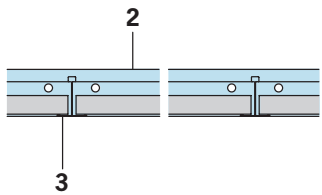


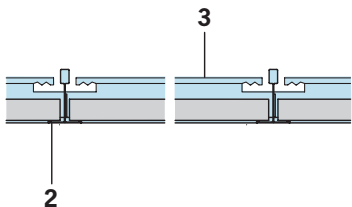
Fig. S 3

- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Wall trim

Section:



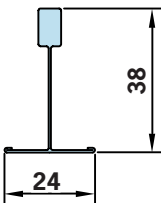
Cross section:



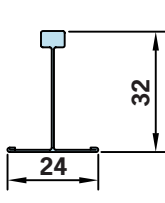
Section dimensions:

**S 3**

Main T-Section

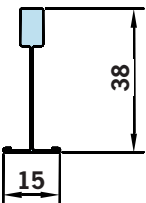


Cross T-Section



**S 15**

Main T-Section/  
Cross T-Section



## Technical Data

### Product line:

OWAcoustic® premium  
OWAcoustic® smart  
OWAdeco®

### Dimensions:

600 x 600 mm  
625 x 625 mm

1200 x 600 mm  
1250 x 625 mm

Widths: 300, 312.5, 400 mm

Lengths: 1200, 1250,  
2000\*, 2500\* mm

\*Only conditionally demountable

Other sizes available on request. Subject  
to minimum quantities and surcharges.

### Thickness:

12 mm nom. (OWAdeco),  
14 mm nom. (smart),  
15 and 20 mm nom. (premium)

### Building Material class:

A2-s1,d0 to EN 13501-1  
(premium, smart)  
B-s1,d0 to EN 13501-1 (OWAdeco)

### Edge

detail:

3

### Metal suspension:

All sections are zinc galvanised and  
white painted. Cross T-sections are  
available with either bayonet or hook on  
connection. For further details and colours  
see OWA Price list.

### Minimum suspension depth:

75 – 100 mm (depending on the soffit).  
For ease of tile removal 120 mm

### Fire protection:

See publication no. 500



## System S 3 cliq

Exposed. demountable

OWAconstruct®

### Technical Data

#### Product line:

OWAcoustic® premium  
OWAcoustic® smart  
OWAdeco®

#### Dimensions:

600 x 600 mm  
625 x 625 mm

1200 x 600 mm  
1250 x 625 mm

Subject to minimum quantities and surcharges see OWA Price list.

#### Thickness:

12 mm nom.(OWAdeco)  
14 mm nom. (smart),  
15 and 20 mm nom. (premium)

#### Building material class:

A2-s1,d0 to EN 13501-1  
(premium, smart)  
B-s1,d0 to EN 13501-1 (OWAdeco)

Edge  
detail:

3

#### Metal suspension:

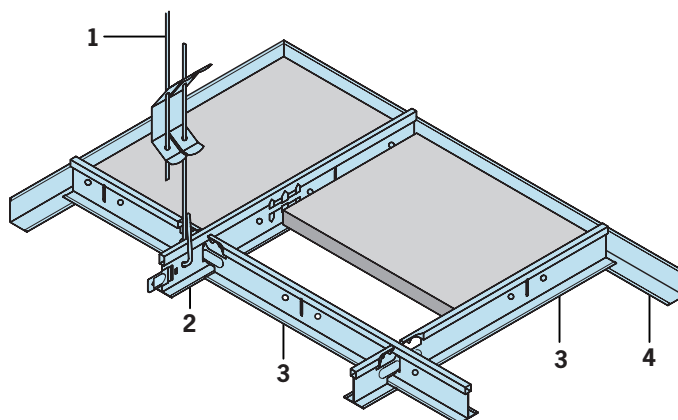
All sections are zinc galvanised and white painted. Cross T-sections are available with either bayonet or hook on connection. For further details and colours see OWA Price list.

#### Minimum suspension depth:

75 – 100 mm (depending on the soffit).  
For ease of removal 120 mm

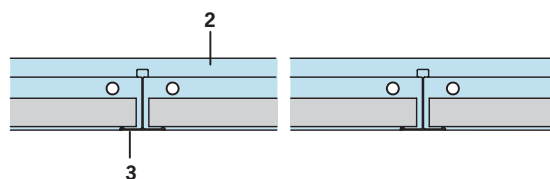
#### Fire protection:

See publication no. 500

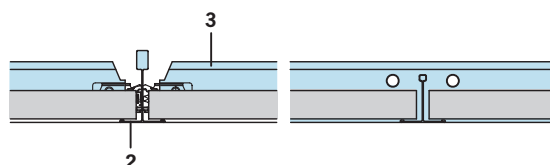


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Wall trim

Section:



Cross section:

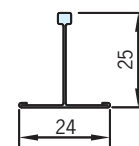
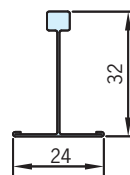
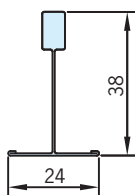


#### Section dimensions:

Main T-Section

Cross T-Section  
long

Cross T-Section  
short



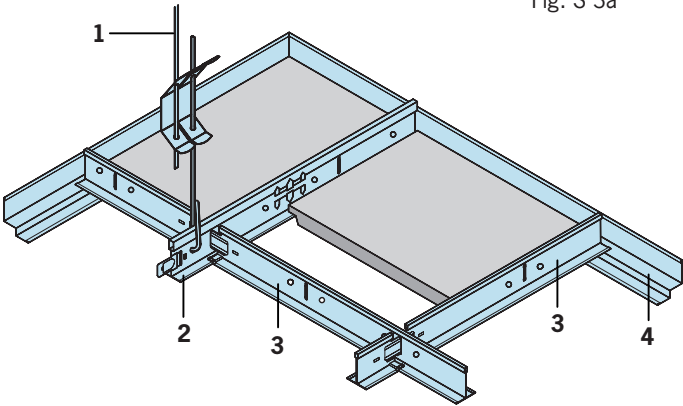
**OWA**

System S 3a, S 15a

Exposed, demountable

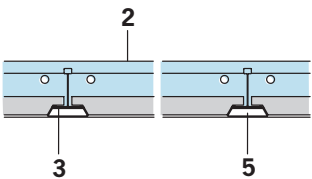


Fig: S 3a

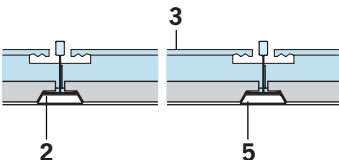


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Shadow Wall trim
- 5 Contura- filler block

Section:



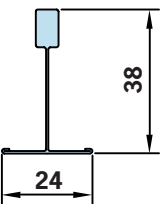
Cross section:



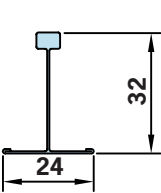
Section dimensions:

S 3a

Main T-Section

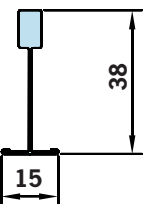


Cross T-Section



S 15a

Main T-Section/  
Cross T-Section



Technical Data

Product line:

OWAcoustic® premium  
OWAcoustic® smart

Dimensions:

600 x 600 mm  
625 x 625 mm

1200 x 600 mm  
1250 x 625 mm

Widths: 300, 312.5, 400 mm  
Lengths: 1200, 1250  
2000\*, 2500\* mm

\*Only conditionally demountable

Other sizes are available on request.  
Subject to minimum quantities and  
surcharges.

Thickness:

14 mm nom. (smart),  
15 mm and 20 mm nom. (premium)

Building Material class:

A2-s1,d0 to EN 13501-1 (premium, smart)

Edge  
details:

S 3a



S 15a



S 3a smart



Metal suspension:

All sections are zinc galvanised and  
white painted. Cross T-sections available  
in bayonet or hook on. For further details  
and colours see OWA Price list.

Minimum suspension depth:

75 – 100 mm (depending on the soffit).  
For ease of removal 120 mm

Fire protection:

See publication no. 500



## System S 3a cliq

Exposed, demountable

### Technical Data

#### Product line:

OWAcoustic® premium  
OWAcoustic® smart

#### Dimensions:

600 x 600 mm  
625 x 625 mm

1200 x 600 mm  
1250 x 625 mm

Subject to minimum quantities and surcharges.

#### Thickness:

14 mm nom. (smart),  
15 and 20 mm nom. (premium)

#### Building Material class:

A2-s1,d0 to EN 13501-1  
(premium, smart)

**Edge details:** premium



smart



#### Metal suspension:

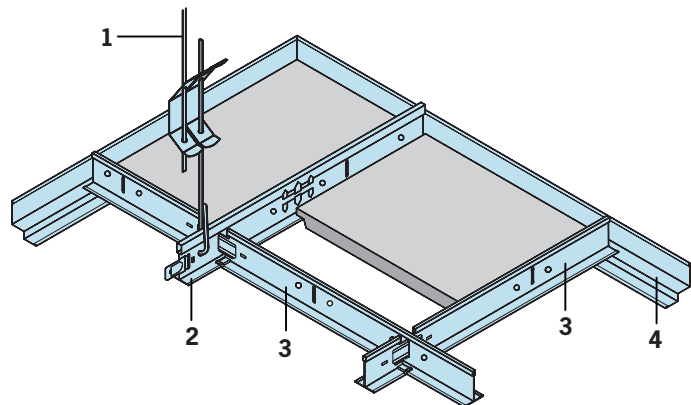
All sections are zinc galvanised and white painted. Cross T-sections available in bayonet or hook on. For further details and colours see OWA Price list.

#### Minimum suspension depth:

75 – 100 mm (depending on the soffit).  
For ease of removal 120 mm

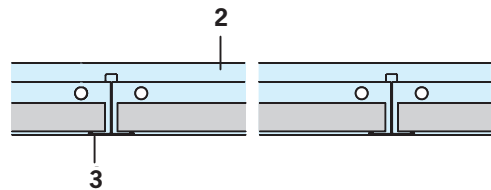
#### Fire protection:

See publication no. 500

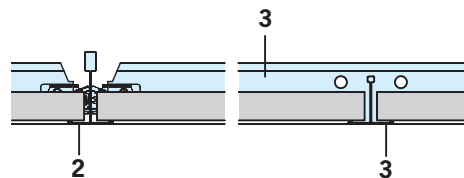


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Shadow Wall trim
- 5 Contura- filler block

#### Section:

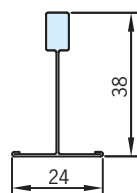


#### Cross section::

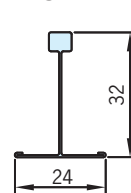


#### Section dimensions:

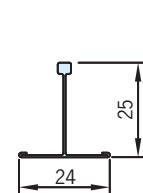
Main T-Section



Cross T-Section long

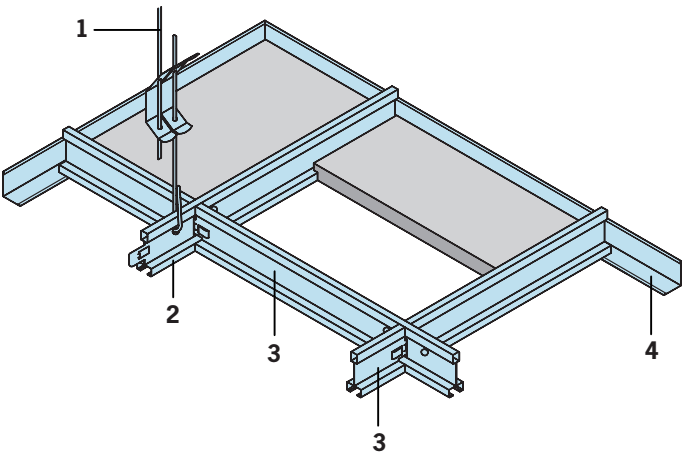


Cross T-Section short



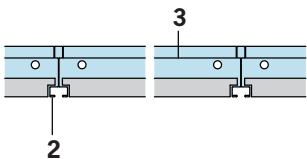
# System S 15b OWAline®

Exposed, demountable

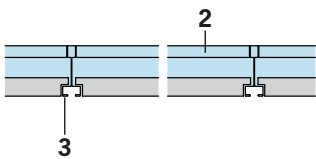


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Wall trim

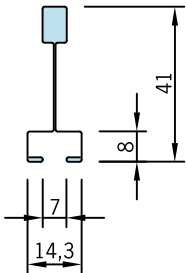
**Section:**



**Cross section:**



**Section dimensions:**



## Technical Data

**Product line:**

OWAcoustic® premium

**Dimensions:**

600 x 600 mm ■  
625 x 625 mm

**Thickness:**

15 mm and 20 mm nom.

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge**

**detail:**

15b

**Metal suspension:**

All sections are zinc galvanised and white painted. For further details see OWA Price list.

**Minimum suspension depth:**

75 – 100 mm (depending on the soffit).  
For ease of tile removal 120 mm

**Fire protection:**

No existing test





## System S 3 bws

ball impact resistant,  
exposed grid

### Technical Data

#### Product line:

OWAcoustic® premium  
Pattern Constellation  
Cosmos/N  
Bolero  
Sinfonia

#### Dimensions:

600 x 600 mm

625 x 625 mm

1200 x 600 mm

1250 x 625 mm

#### Thickness:

approx. 15 mm

#### Building class:

A2-s1,d0 to EN 13501-1

#### Edge detail:

3

#### Metal suspension:

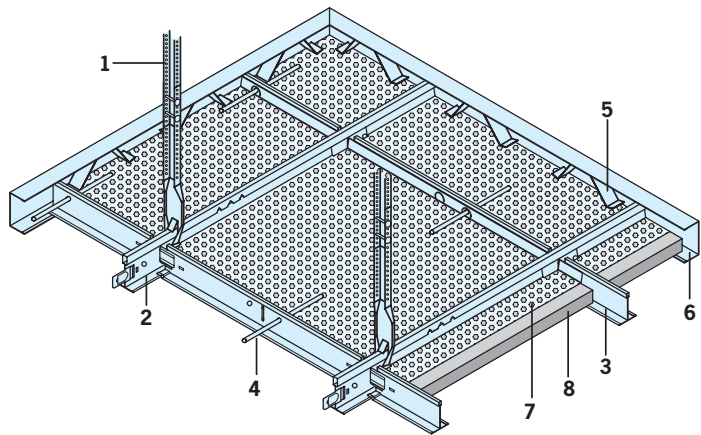
All tees are galvanised with exposed surfaces painted white. **Only** s-system suitable. For further details of sections, colours etc., please see OWA price list.

#### Suspension depth:

For ease of panel removal  
≥ 230 mm recommended

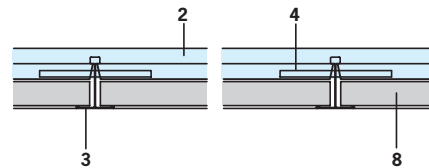
#### Fire resistance:

on request

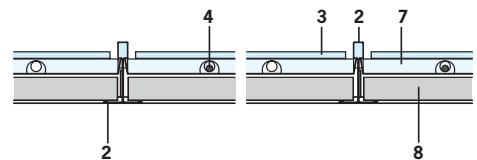


- 1 Nonius hanger and Nonius hanger extension with 2 safety pins
- 2 Main T-Section
- 3 Cross T-Section (only available as s-system)
- 4 Suspension rod with eye
- 5 Wall spring clip
- 6 Perimeter trim
- 7 Perforated metal tile
- 8 OWAcoustic® premium tile

#### Section:



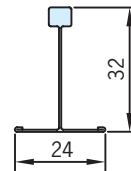
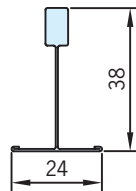
#### Cross section:



#### Section dimensions:

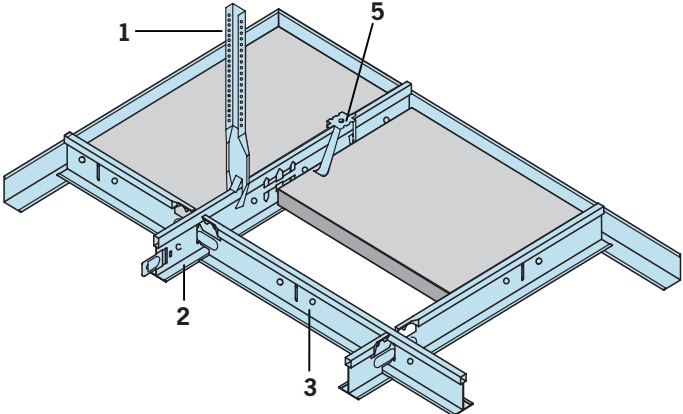
Main T-Section

Cross T-Section



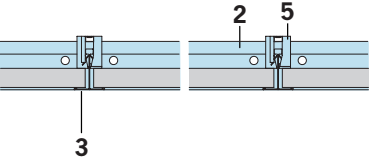
# System S 3e

Exposed, demountable  
With corrosion protection

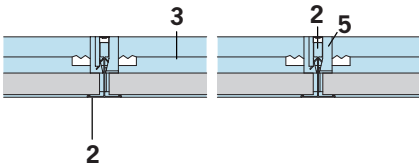


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Wall trim
- 5 Hold down clip

Section

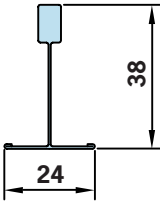


Cross section:

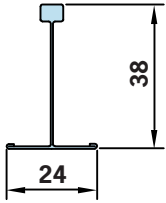


Section dimensions:

Main T-Section



Cross T-Section



## Technical Data

**Product line:**

OWAcoustic® premium Mavroc®  
OWAcoustic® premium AquaCosmos®

**Dimensions:**

600 x 600 mm

625 x 625 mm

Intermediate sizes available on request.  
Subject to minimum quantities and surcharges.

**Thickness:**

15 mm nom.

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge**

**detail:**

3

**Metal suspension:**

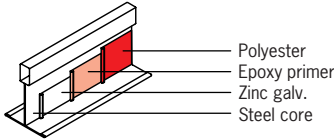
All sections are zinc galvanised and white painted. Cross T-sections available in bayonet or hook on. For further details and colours see OWA Price list.

**Minimum suspension depth:**

75 – 100 mm (depending on the soffit).  
For ease of tile removal 120 mm

**Fire protection:**

On request





## System S 9a

Concealed, demountable

OWAconstruct®

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

600 x 600 mm

625 x 625 mm

Widths: 300, 400 mm

Lengths: 1200, 1250 mm

Intermediate sizes available on request.

Subject to minimum quantities and

surcharges.

#### Thickness:

20 mm nom.

#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge details:

Long edge



Short edge



#### Metal suspension:

All sections are zinc galvanised and white painted. For further details and colours see OWA Price list.

#### Minimum suspension depth:

Suspension approx. 165 mm (depending on the soffit).

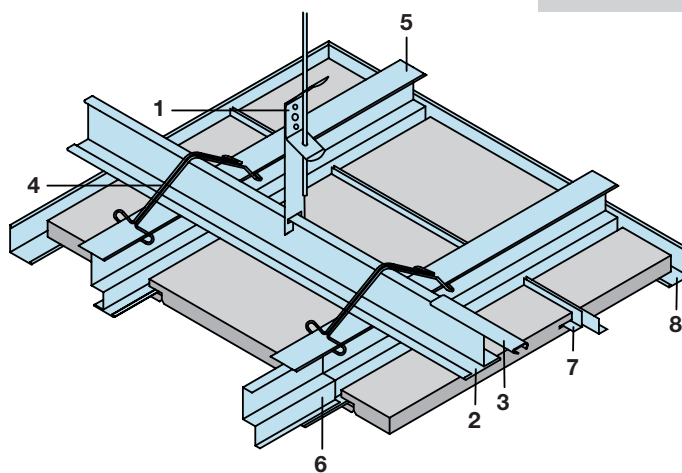
Direct fixing approx. 65 mm + timber batten

#### Fire protection:

On request

#### Light fitting:

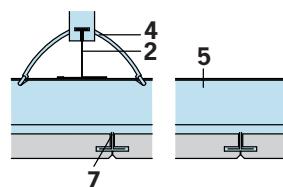
No standard light fittings (in accordance with OWA brochure 630).



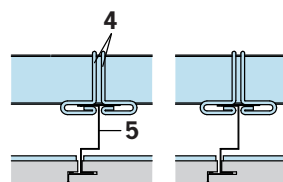
- |                     |                    |
|---------------------|--------------------|
| 1 Hanger            | 6 Coupling         |
| 2 Main runner       | 7 L-Section        |
| 3 Connector         | 8 Wall angle       |
| 4 Wire clips        | 9 Direct fix clamp |
| 5 Stepped Z-Section | 10 Timber batten   |

#### Suspension Fig.

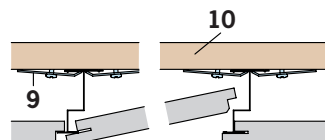
##### Section:



##### Cross section:



##### Direct fixing:

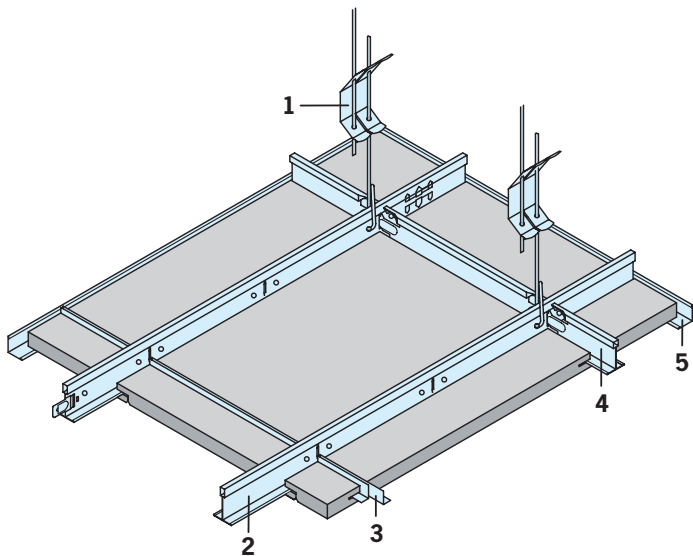


#### Tile removal:

By tilting through the lateral position the tiles can be removed and replaced.

# System S 9b

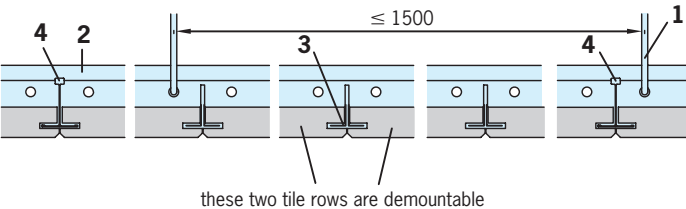
Concealed, demountable



- |                  |              |
|------------------|--------------|
| 1 Hanger         | 4 Cross tee  |
| 2 Main T-Section | 5 Wall angle |
| 3 L-Section      |              |

**Suspension system:**

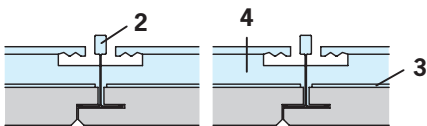
**Section:**



**Hints:**

- Direct tile removal is between the main runners No. 45 (to accommodate the splice junction of the main tees it will be necessary to notch out the back of the tile edge).
- The tiles next to the cross tees No. 46 are not demountable.
- To prevent any undue stress (especially torsion) on the ceiling system, hangers must be installed vertically.

**Cross section:**



**Tile removal:**

By tilting through the lateral position the tiles can be removed and replaced.

## Technical Data

**Product line:**

OWAacoustic® premium

**Dimensions:**

- 600 x 600 mm ■
- 625 x 625 mm ■

■ 2 rows of tiles directly demountable (see installation examples)

\* every 2nd tile directly demountable

Other sizes available on request. Subject to minimum quantities and surcharges.

**Thickness:**

approx. 20 mm

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge details:**

Long edge



Short edge



**Metal suspension:**

All sections are zinc galvanised and white painted. For further details and colours see OWA Price list.

**Suspension depth:**

approx. 110 mm

**Fire protection:**

On request

**Light fitting:**

No standard light fittings (in accordance with OWA brochure 630).



## System S 1

Concealed

OWAconstruct®

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

600 x 600 mm

625 x 625 mm

Widths: 300, 312.5, 400 mm

Lengths: 1200, 1250,

2000, 2500 mm

Other sizes are available on request.

Subject to minimum quantities and surcharges.

#### Thickness:

15 mm and 20 mm nom.

#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge detail:



#### Metal suspension:

All sections are zinc galvanised and white painted. Cross T-sections available in bayonet or hook on. For further details and colours see OWA Price list.

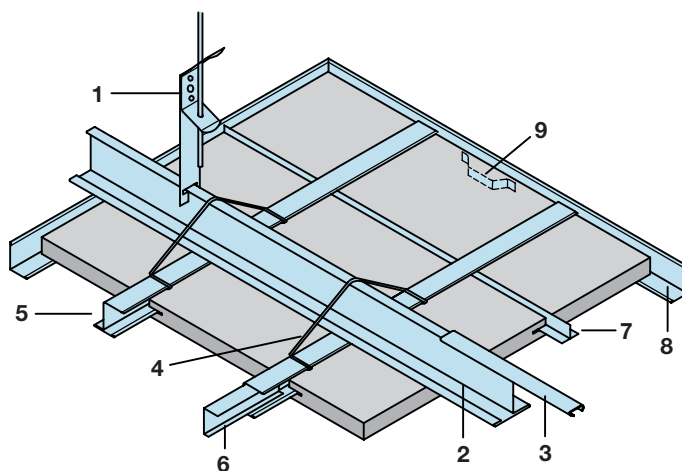
#### Minimum suspension depth:

Suspension 115 – 140 mm (depending on the soffit).

Direct fixing approx. 28 mm + timber batten

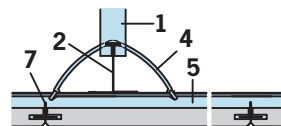
#### Fire protection:

On request

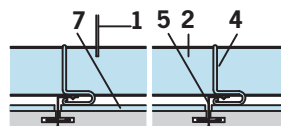


- |               |                     |
|---------------|---------------------|
| 1 Hanger      | 6 Coupling          |
| 2 Main runner | 7 T-Section         |
| 3 Connector   | 8 Wall angle        |
| 4 Wire clips  | 9 Wall spring       |
| 5 Z-Section   | 10 Direct fix clamp |
|               | 11 Timber batten    |

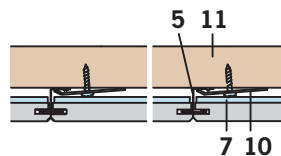
#### Section:



#### Cross section:



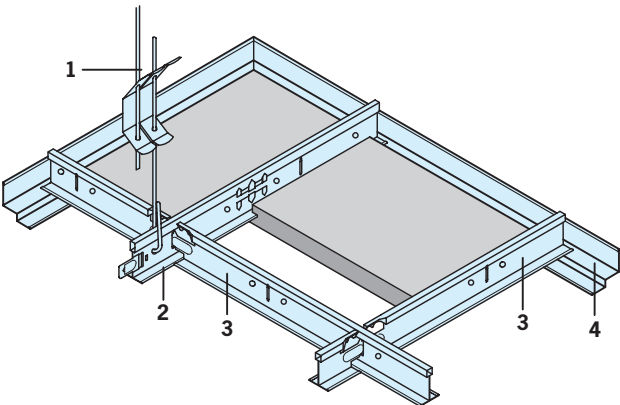
#### Direct fixing:



In the direct fix situation a timber batten must be secured to the soffit to provide a secure fixing for the direct fix clamp No. 62/7 or alternatively No. 62 clamp which holds the section No. 34 in position. The clamps are secured to the timber batten with No. 91 – 5/25 mm wood screws.

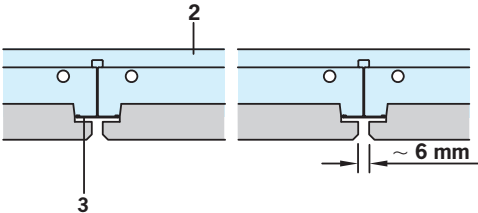
# System S 19

Concealed with shadow gap,  
demountable

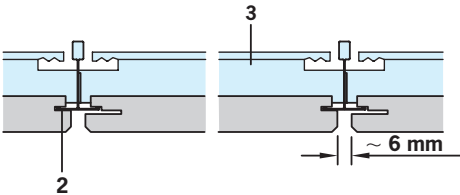


- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Shadow wall trim

**Section:**

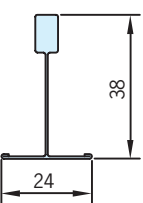


**Cross section:**

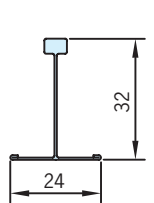


**Section dimensions:**

Main T-section:



Cross T-section:



## Technical Data

**Product line:**

OWAcoustic® premium

**Dimensions:**

600 x 600 mm

625 x 625 mm

**Thickness:**

approx. 20 mm

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge**

**details:**



4c



10c

**Metal suspension:**

All sections are zinc galvanised and  
white painted. For further details  
see OWA Price list.

**Minimum suspension depth:**

75 – 100 mm

(depending on the soffit).



## System S 2a, S 2b

Semi-concealed, demountable

OWAconstruct®

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

S 2a Widths: 312.5 mm  
Lengths: 1250 mm

S 2b Widths: 317.5 mm  
Lengths: 1250 mm

Other sizes are available on request.  
Subject to minimum quantities and surcharges.

#### Thickness:

S 2a 20 mm nom.

S 2b 15 mm nom.

#### Building Material class:

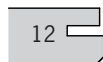
A2-s1,d0 to EN 13501-1

#### Edge details S 2a:

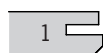
Long edge



Short edge



#### Edge detail S 2b:



#### Metal suspension:

All sections are zinc galvanised and white painted. For further details see OWA Price list.

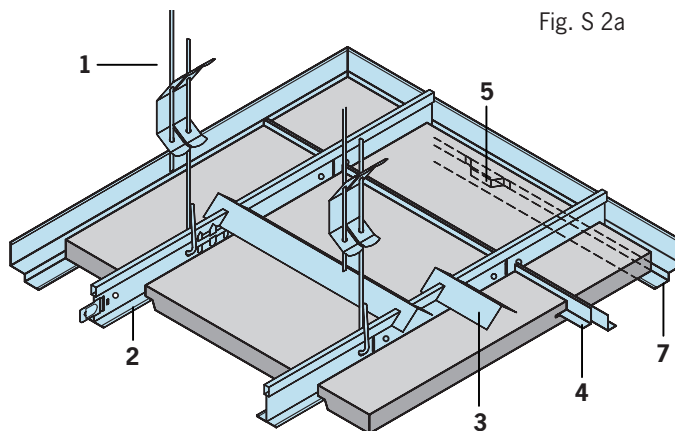
#### Minimum suspension depth:

75 – 100 mm (depending on the soffit).  
For ease of tile removal 120 mm

#### Fire protection:

On request

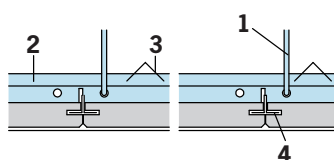
Fig. S 2a



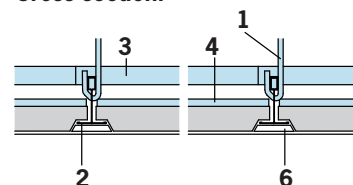
- |                  |                        |
|------------------|------------------------|
| 1 Hanger         | 5 Wall spring          |
| 2 Main T-Section | 6 Contura filler block |
| 3 Stabilizer bar | 7 Shadow wall angle    |
| 4 L-Section      |                        |

#### System S 2a:

##### Section:

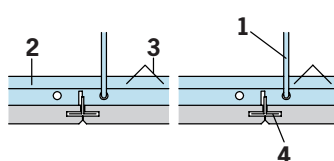


##### Cross section:

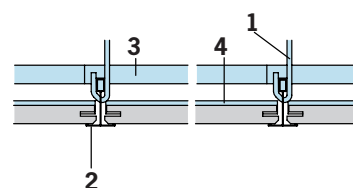


#### System S 2b:

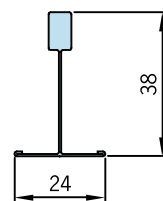
##### Section:



##### Cross section:

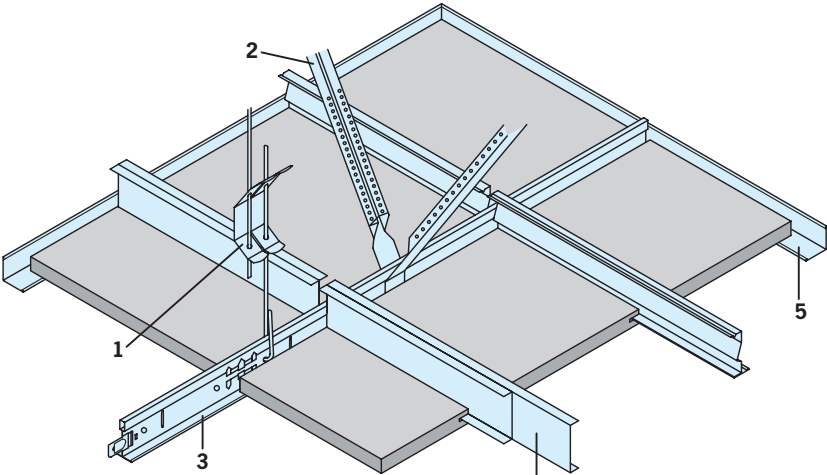


#### Section dimensions:



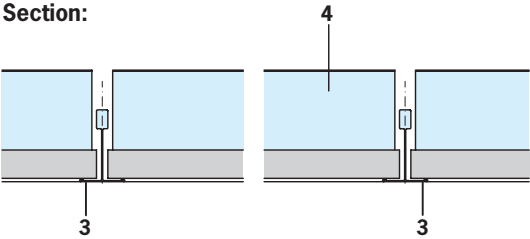
# System S 2p

Semi-concealed, demountable



- 1 Hanger
- 2 Angle brace  
Nonius hanger extension  
safety pin (double) **compulsory**
- 3 Main T-Section
- 4 Tile reinforcement profiles, depending on  
span width, every 5th profile has to be fixed  
by a perimeter bracket
- 5 Wall trim

**Section:**

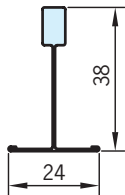


**Cross section:**



**Section dimensions:**

No. 45



## Technical Data

**Product line:**

OWAcoustic® premium

**Dimensions:**

Widths: 300 mm, 312,5 mm, 400 mm  
Lengths: 1200 mm, 1250 mm, 2000 mm\*

\* Only conditionally demountable

Other sizes are available on request.  
Subject to minimum quantities and surcharges  
see OWA Price list.

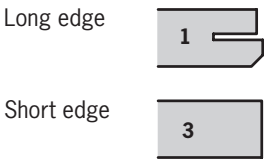
**Thickness:**

approx. 15 mm

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge details:**



**Metal suspension:**

All sections are zinc galvanised and  
white painted. For further details see  
OWA Price list.

**Minimum suspension depth:**

150 mm for ease of tile removal.  
When suspension depth ≤ 500 mm  
angle brace No. 17/80 is required.  
When suspension depth > 500 mm  
reinforcement with CD sections is required.





## System S 14a

Rilled, concealed

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

Widths: 300 mm

Lengths: 1200, 1250 mm

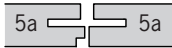
#### Thickness:

15 mm nom.

#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge details:



#### Metal suspension:

All sections are zinc galvanised and white painted. For further details see OWA Price list.

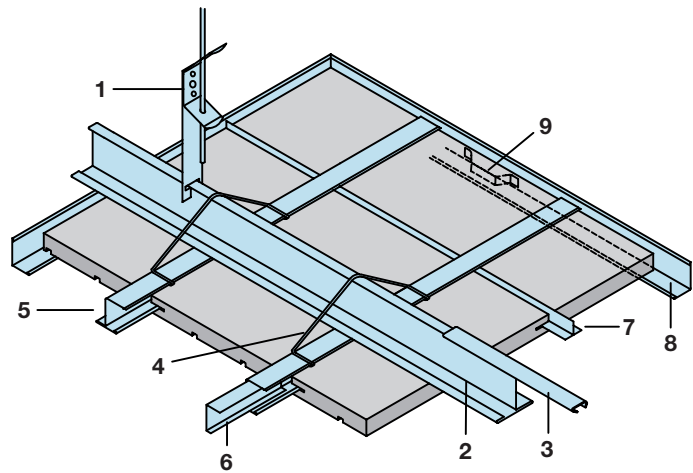
#### Minimum suspension depth:

Suspension 115 - 140 mm (depending on the soffit).

Direct fixing approx 28 mm + timber batten

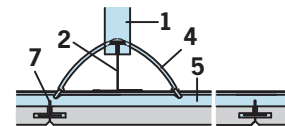
#### Fire protection:

On request

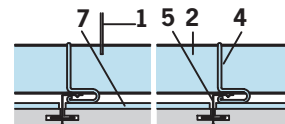


- |               |                     |
|---------------|---------------------|
| 1 Hanger      | 6 Coupling          |
| 2 Main runner | 7 T-Section         |
| 3 Connector   | 8 Wall angle        |
| 4 Wire clips  | 9 Wall spring       |
| 5 Z-Section   | 10 Direct fix clamp |
|               | 11 Timber batten    |

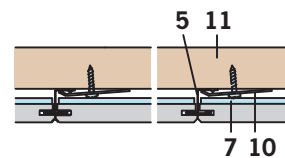
#### Section:



#### Cross section:



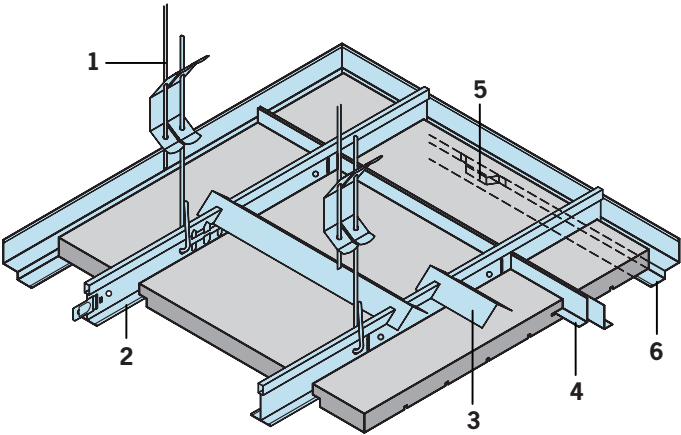
#### Direct fixing:



In the direct fix situation a timber batten must be secured to the soffit to provide a secure fixing for the direct fix clamp No. 62/7 or alternatively No. 62 clamp which holds the section No. 20 in position. The clamps are secured to the timber batten with No. 91 – 5/25 mm wood screws.

# System S 14b

Rilled, semi-concealed



- 1 Hanger

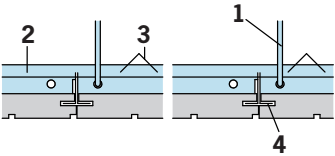
2 Main T-Section

3 Stabilizer
- 4 L-Section or Z

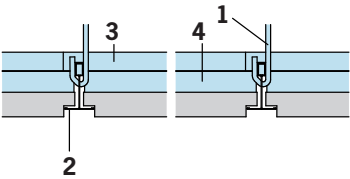
5 Wall spring

6 Shadow Wall angle

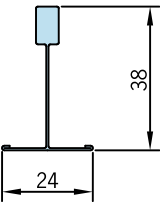
Section:



Cross section:



Section dimensions:



## Technical Data

**Product line:**  
OWAcoustic® premium

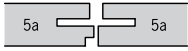
**Dimensions:**  
Widths: 300 mm  
Lengths: 1200, 1250 mm

**Thickness:**  
15 mm nom.

**Building Material class:**  
A2-s1,d0 to EN 13501-1

**Edge details:**

Long edges



Short edges



**Metal suspension:**

All sections are zinc galvanised and white painted. For further details see OWA Price list.

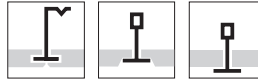
**Minimum suspension depth:**  
75 - 100 mm (depending on the soffit).  
For ease of tile removal 120 mm

**Fire protection:**

On request

**System S 6**

Clear spanning

**Technical Data****Product line:**

OWAacoustic® premium

**Dimensions:**

Widths: 300, 312,5, 400 mm

Lengths: 1200, 1250,  
2000\*, 2500\* mm

\*only conditionally demountable

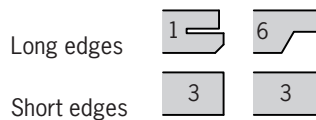
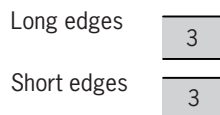
Other sizes are available on request.  
Subject to minimum quantities and  
surcharges.

**Thickness:**

15 mm and 20 mm nom.

**Building Material class:**

A2-s1,d0 to EN 13501-1

**Edge details: S 6a    S 6b****Edge details: S 6c****Metal suspension:**

All sections are zinc galvanised and  
white painted. For further details and  
colours see OWA Price list.

**Minimum suspension depth:**

with S 6a: 180 – 200 mm

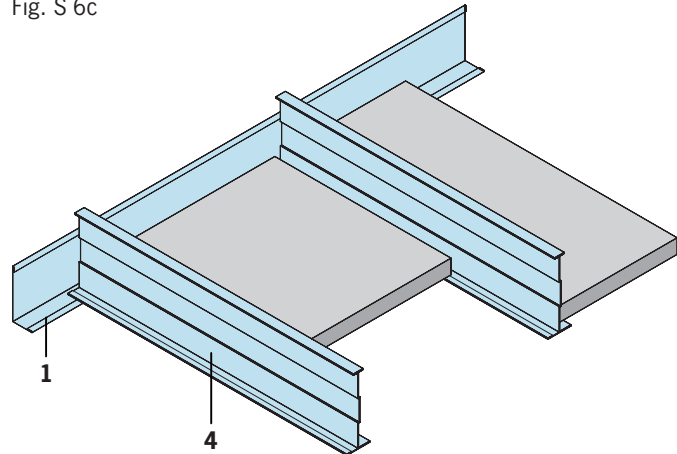
with S 6b, S 6c, S 6d: 100 – 120 mm

**Fire protection:**

System S 6a: On request

System S 6b, S 6c and S 6d there is no  
test certification.

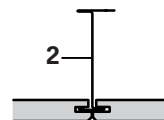
Fig. S 6c



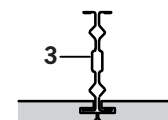
- 1 Wall section
- 2 Z-Section
- 3 C-Section (2 pcs.)
- 4 T-Section

**Cross section:**

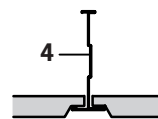
System S 6a – concealed  
non demountable



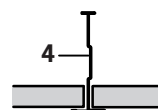
demountable



System S 6b – Contura, exposed  
demountable

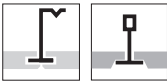


System S 6c – exposed  
demountable



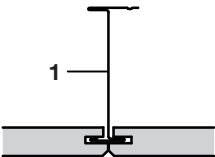
# System S 6 radial

Clear spanning

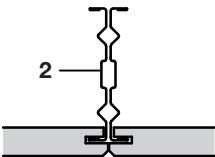


Cross sections:

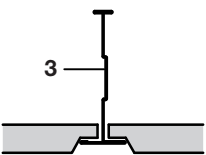
System S 6a – concealed  
non demountable



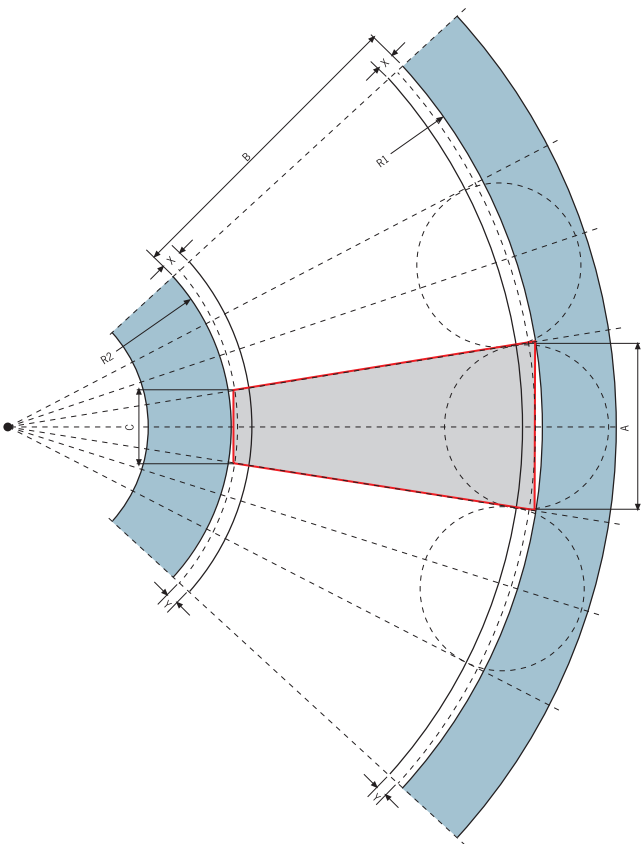
demountable



System S 6b – Contura, exposed  
demountable



- 1 Z-Section
- 2 C-Section (2 pcs.)
- 3 T-Section



## Technical Data

Product line:

OWAcoustic® premium

Dimensions:

Outer widths: up to 400 mm

Lengths from 2000

from 2500\* mm on request

\*only conditionally demountable

Other sizes available on request.

Thickness:

15 mm and 20 mm nom.

Building Material class:

A2-s1,d0 to EN 13501-1

Edge details:

S 6a

S 6b

Long edges



Short edges



Measurements for trapezoid-shaped  
tiles:

- A: tile width  
constant outer module width with  
S 6a and S 6b = 400 mm
- B: Corridor width \*
- R1: Outside radius reference side \*
- C: resultant tile width

Measurements for curved wall  
sections:

- R1: Radius inside curve  
Wall section\*
- R2: Radius outside curve  
Wall section\*

Other measurements:

- X: Width wall section
- Y: Supported on at least 2/3 of the  
width of the wall section flange
- M: Centre point

\*Measurements absolutely necessary for projects.



## System S 12

Baffle system

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

Heights: 150, 200, 250, 300  
400, 600 mm

Lengths: 1160 mm  
for module 1200 mm  
1210 mm  
for module 1250 mm

Other lengths available on request.

#### Thickness:

approx. 24 mm

#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge detail:

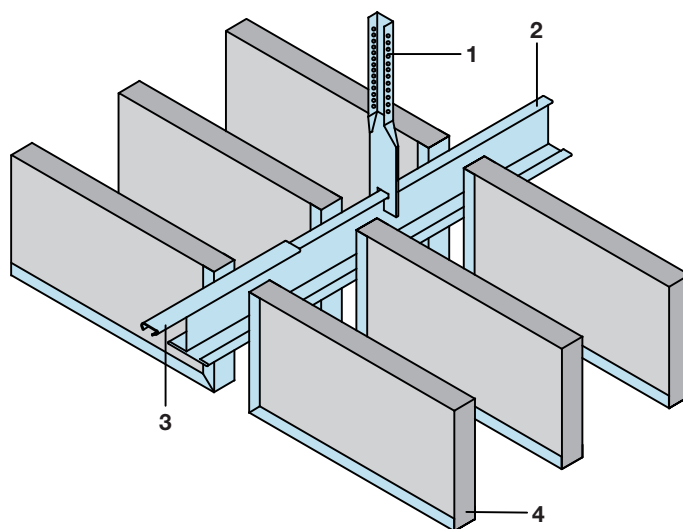
3

#### Metal suspension:

All sections are zinc galvanized and white painted. For further details see OWA Price list.

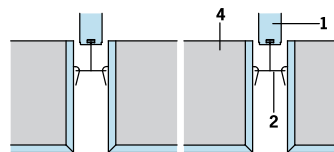
#### Suspension depth:

Minimum suspension depth 50 mm from underside of soffit to top edge of baffles.

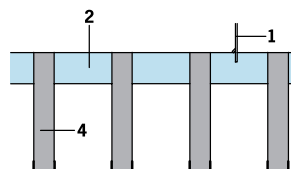


- 1 Nonius hanger
- 2 Main runner
- 3 Connector
- 4 Baffle with white metal trim

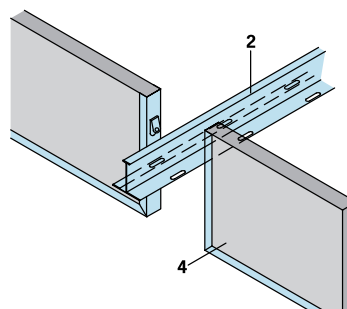
#### Section:



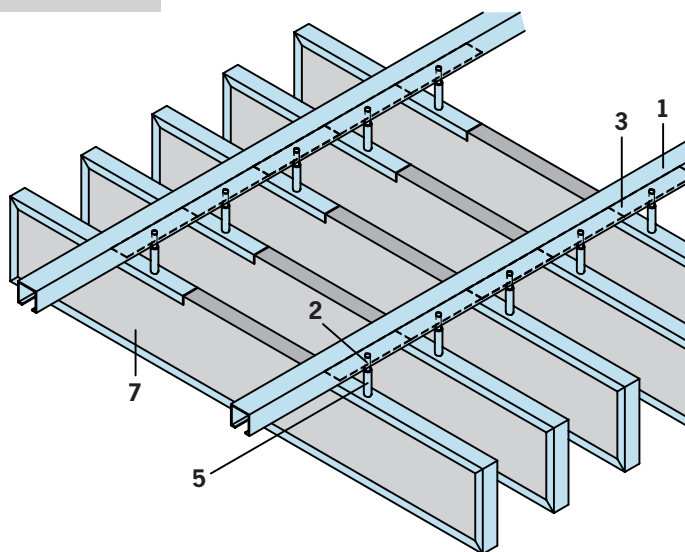
#### Cross section:



#### Assembly:

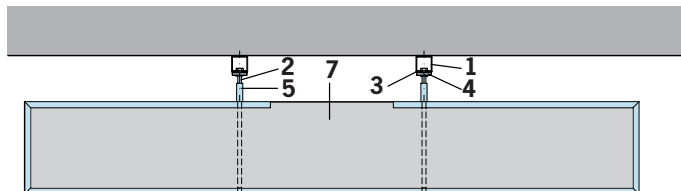


OWAcoustic® baffles are framed on 3 sides with a white metal U-channel section. The integral hanging tabs are located into the respective slots in the No. 70/10 main tee section and are then bent over to secure the baffle in place.

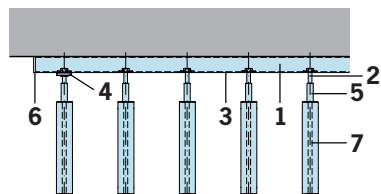


- 1 C-Section
- 2 Hexagonal bolt
- 3 Square washer
- 4 Knurled nut
- 5 Connection sleeve
- 6 End cap for C-section
- 7 Baffle with white metal frame

#### Section:



#### Cross section:



#### Baffle hanging :

The OWAacoustic-Baffles are framed with a white metal U-section and are secured to the C-carrier section by hexagonal bolts in a metal sleeve at spacings of 100 or 200 mm.

## Technical Data

### Product line:

OWAacoustic® premium

### Dimensions:

Heights: 150, 300 mm

Lengths: 1200, 1250, 1500 mm

Other sizes on request.

### Thickness:

24 mm nom.

### Building Material class:

A2-s1,d0 to EN 13501-1

### Edge

detail:

3

### Metal suspension:

All sections are zinc galvanised and white painted. For further details and colours see OWA Price list.

### Minimum suspension depth:

Suspension depth 70-75 mm from underside of soffit to top edge of baffles.



## System S 18p/k

Parallel Bandraster (modular pan grid) and Cross Bandraster (modular pan grid), demountable

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

1200 x 1200 mm  
1250 x 1250 mm

Widths: 300, 312.5, 400 mm

Lengths: 1200, 1250, 1500,  
2000\*, 2500\* mm

\*Only conditionally demountable

Other sizes are available on request.  
Subject to minimum quantities and  
surcharges.

#### Thickness:

15 mm and 20 mm nom.

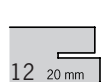
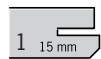
#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge details:

##### System S 18p:

Long edges: Short edges:



##### System S 18k:

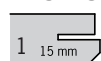
large format  
tile edge



or



Long edges: Short edges:



#### Metal suspension:

All sections are zinc galvanised and  
white painted. For further details and  
colours see OWAconstruct® Price list.

#### Minimum suspension depth:

100 mm (from underside of soffit).  
For ease of tile removal 130 mm

#### Fire protection:

On request

Fig. S 18p

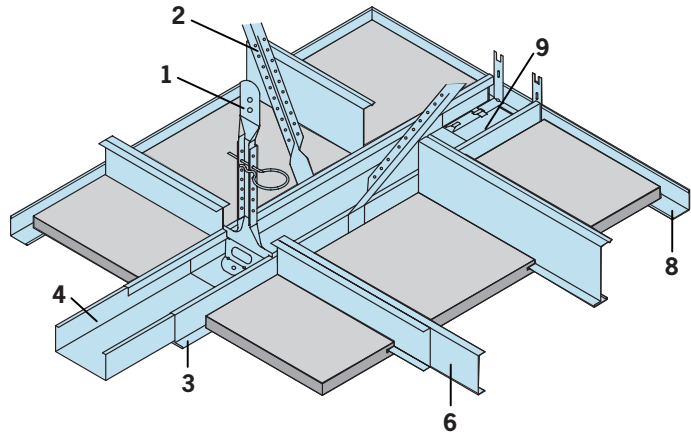
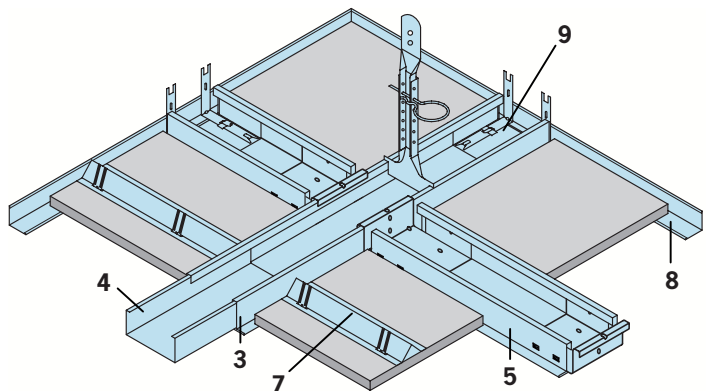


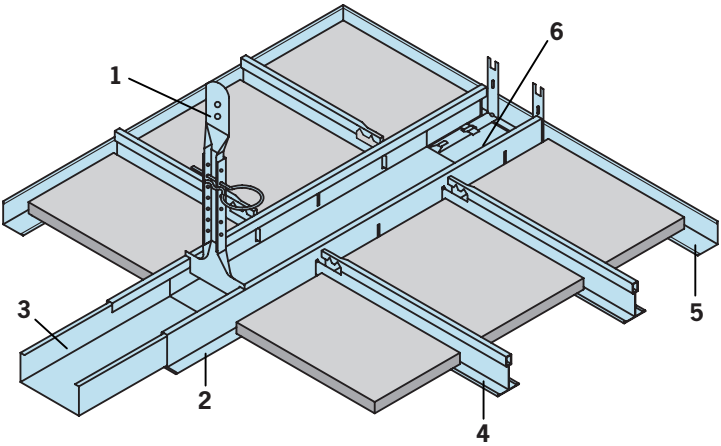
Fig. S 18k



- 1 Nonius hanger
- 2 Angle brace
- 3 Bandraster section
- 4 Connector
- 5 Bandraster cross section
- 6 C- or Z-Section tile support inserts  
according to span distance
- 7 Reinforcing spline
- 8 Wall angle section
- 9 Wall anchor

System S 18d

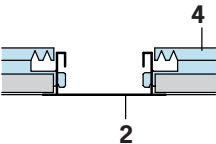
Bandura, demountable



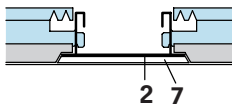
- 1 Nonius hanger
- 2 Bandraster section
- 3 Connector
- 4 Cross T-Section
- 5 Wall section
- 6 Wall anchor
- 7 Contura filler block

Section:

Edge 3

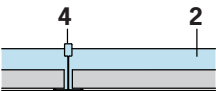


Edge 6

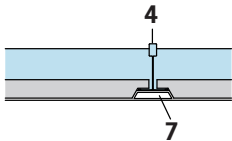


Cross section:

Edge 3



Edge 6



Technical Data

Product line:

OWAcoustic® premium

Dimensions:

1200 x 600 mm

1250 x 625 mm

Widths: 300, 312.5, 400 mm

Lengths: 1200, 1250,  
2000\*, 2500\* mm

\*Only conditionally demountable

Other sizes are available on request.  
Subject to minimum quantities and  
surcharges.

Thickness:

15 mm and 20 mm nom.

Building Material class:

A2-s1,d0 to EN 13501-1

Edge

details:

3

6

Metal suspension:

All sections are zinc galvanised and  
white painted. For further details and  
colours see OWA Price list.

Minimum suspension depth:

100 mm (from underside of soffit).  
For ease of tile removal 130 mm

Fire protection:

On request





## System S 8

Honeycomb, Square and Rectangular

OWAconstruct®

### Technical Data

#### Product line:

OWAcoustic® premium

#### Dimensions:

300 x 300 mm  
312.5 x 312.5 mm  
600 x 600 mm  
625 x 625 mm  
1200 x 1200 mm  
1250 x 1250 mm

600 x 300 mm  
625 x 312.5 mm  
1200 x 300 mm  
1250 x 312.5 mm  
1200 x 600 mm  
1250 x 625 mm

#### Cell heights:

150, 200, 300 mm  
Other heights on request

Other sizes are available on request.  
Subject to minimum quantities and surcharges.

#### Thickness:

Honeycomb tile 24 mm nom.  
Cover tile 15 mm nom.

#### Building Material class:

A2-s1,d0 to EN 13501-1

#### Edge details:

Long edges 

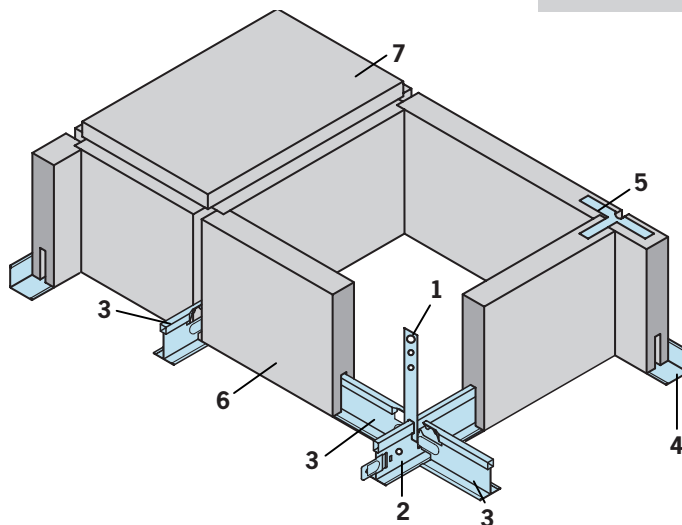
Short edges 

#### Metal suspension:

All sections are zinc galvanised and white painted. For further details and colours see OWA Price list.

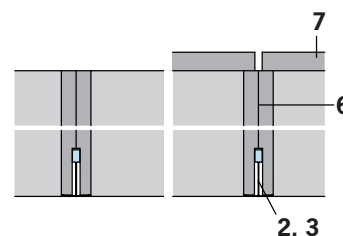
#### Minimum suspension depth:

Depends on soffit and Honeycomb height



- 1 Hanger
- 2 Main T-Section
- 3 Cross T-Section
- 4 Wall section
- 5 Module clamp
- 6 Honeycomb tile
- 7 Cover tile

#### Section and cross section:



#### Section dimensions:

Main T-Section

Cross T-Section

