

# Industrial look parallel bandraster

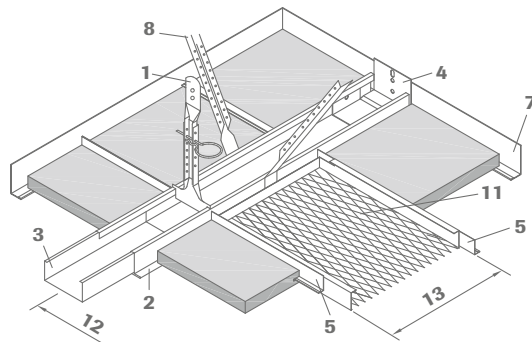
OWAconsult collection

**OWA**

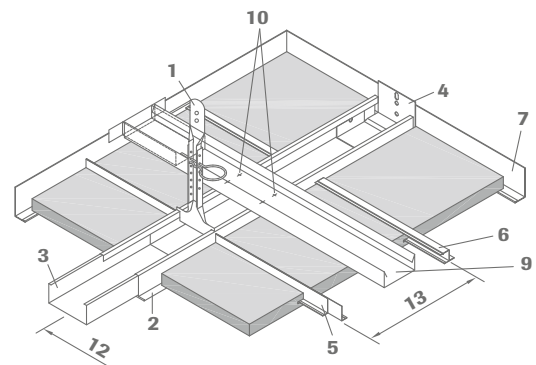
# System S 18p RAW | Parallel bandraaster, demountable



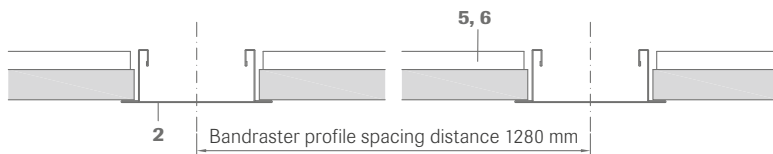
**Installation with diagonal reinforcement:**



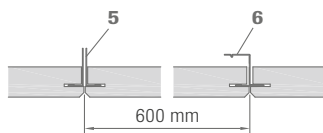
**Installation with CW profiles:**



**Section:**

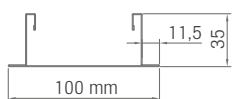


**Cross section:**



- 1 Nonius hanger no. 79/100, Nonius hanger extension no. 16/... and safety pin no. 76
- 2 Bandraaster profile no. 80/100G, colour tone natural grey
- 3 Connector no. 82/100G
- 4 Wall anchor no. 75/100G
- 5 L profile no. 37
- 6 Z profile no. 20, cutting on site
- 7 Wall angle no. 51/20 or shadow wall angle no. 50/22, colour tone natural grey
- 8 Angle brace no. 17/80
- 9 CW profile, conventional
- 10 Screw connection
- 11 Metal tile Mesh colour tone natural grey, frame type E
- 12 Bandraaster spacing distance
- 13 Tile support section centres 600 mm

**Section dimension:**



## Technical data | Mineral tiles

**Dimensions/Designs** RAW grey it. no. 00091101, 1200 x 600 mm, LK 1 - SK 3  
 RAW concrete it. no. 00091103, 1200 x 600 mm, LK 1 - SK 3  
 Metal tile Mesh, colour tone natural grey, 1200 x 600 mm, frame type E

**Edge details**

Long edge	Short edge
	

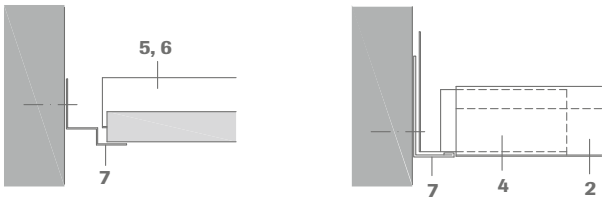
**Thickness** 20 mm (OWAcoustic premium)

**Reaction to fire** A2-s1,d0 in accordance with EN 13501-1

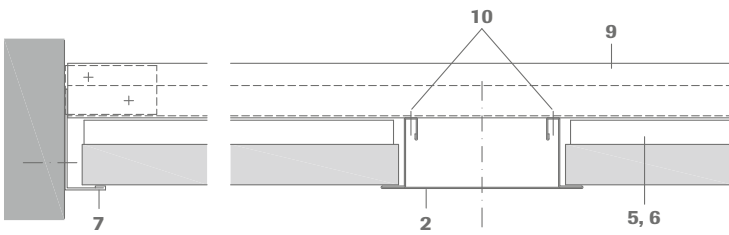
**Metal suspension** All metal components listed are galvanized steel or natural grey coated galvanized steel respectively, for further details please refer to OWAcoustic collection price list

**Suspension depth** 100 mm (depending on the existing structural ceiling) for ease of panel removal 130 mm is recommended. If the suspension depth is less than 150 mm the Nonius hanger no. 79/100 has to be shortened on site.

### Wall connection:



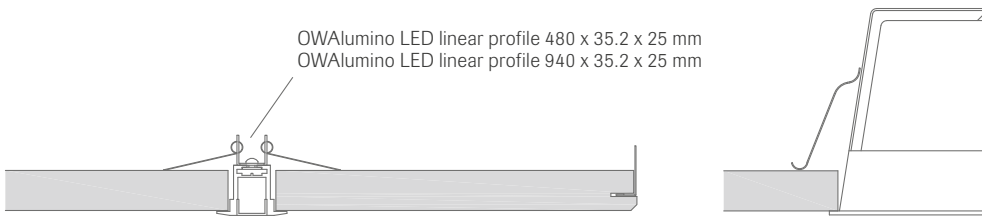
Details wall connection to plasterboard frieze



Other wall connection options and installation details can be found in OWA-Installation Guide 9801 e.

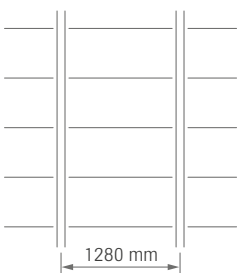
### Integrated lighting:

OWA can supply compatible light fixtures for this system.



For details on installation of integrated lighting, please refer to brochure 9630 e and installation guide 9801 e.

### Installation example:



## Material requirements per m<sup>2</sup>:

No.	Description	Bandraster spacing distance 1280 mm
79/100	Nonius hanger	0.70 pce
17/80	Angle brace	0.70 pce
80/100G	Bandraster profile, natural grey, length 3750 mm	0.78 m
82/100G	Connector	0.21 pce
37	L profile	2.60 pce
51/20	Wall angle, natural grey	Depending on room size and shape
75/100G	Wall anchor	Depending on room size and shape

In case of **non-demountable** design (Z-profile) of the plates, the number of reinforcement spline must be halved!

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

Tile 20 mm, approx.: 6.0 kg/m<sup>2</sup>

## System description: OWAconstruct System S 18p RAW Bandraster ceiling

### Quality requirements for mineral tiles:

OWAacoustic mineral tiles firmly bound with a primer coat on both sides. The tile is free from asbestos. No formaldehyde is added in the manufacturing process of the mineral tiles. The mineral wool used for the manufacture of the tile is bio-soluble. The criteria for non-classification as a carcinogenic substance in accordance with the Chemicals Prohibition Ordinance (Section 1 Appendix, Paragraph 23 biopersistent fibres) are met and guaranteed by the 'RAL seal of approval for mineral wool'. Verification of fitness for use according to EU CPR: CE marking and Declaration of Performance (DoP).

Mineral tiles accordance with EN 13964 and DIN 18177:

Air permeability class PM 1  
Formaldehyde class FH 1  
Emission of VOC TVOC 1

**Installation** should be carried out in accordance with the information contained in system leaflet S 18p RAW e and OWA-Installation Guide 9801 e. All components are CE labelled.

### Construction parts S 18p RAW:

OWAconstruct bandraster profile no. 80/100G (100 mm wide), visible side natural grey  
OWAconstruct connector no. 82/100G, galvanised  
OWAconstruct wall anchor no. 75/100G, galvanised  
OWAconstruct Z or L profiles, galvanised  
OWAconstruct wall angle no. 51/20, 50/20 mm, visible side natural grey  
OWAconstruct nonius hanger no. 79/100, galvanised  
OWAconstruct nonius hanger extension no. 16/...  
OWAconstruct safety pin no. 76  
OWAconstruct angle brace no. 17/80



Certified Management Systems

## Product warranties

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