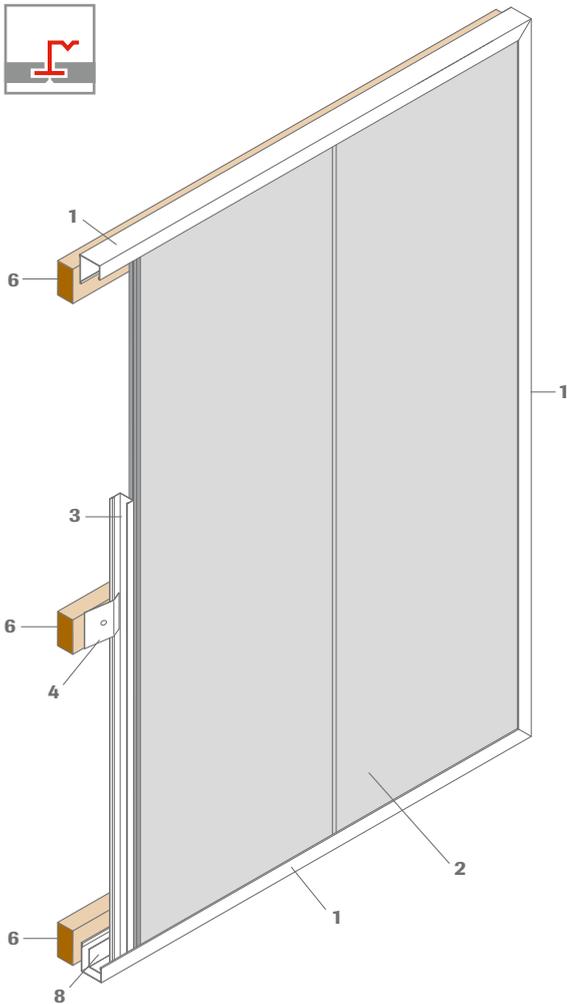


# Wall installation

OWAlifetime collection

**OWA**

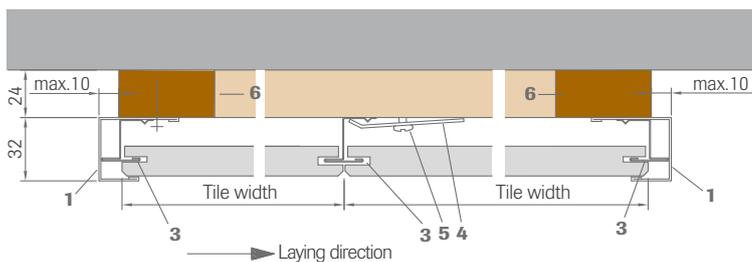
## System S 1 | Wall installation



- 1 Wall angle C-shaped no. 57/10, thickness = 0.6 mm
- 2 OWAacoustic tile
- 3 Z profile no. 20 (10 mm shorter than tile length)
- 4 Direct fix clamp no. 62
- 5 Wood screw no. 91 (5 x 25 mm)
- 6 Planed batten or equivalent  $\geq 24 \times 48$  mm
- 7 Corner connector no. 1506
- 8 Wall angle no. 51/25, thickness = 1.0 mm  
(only required with a tile length of  $\geq 1500$  mm)

**The wall installation is only impact and pressure resistant to a limited extent.**

### Cross-section:



### Dimensions

2000 x 312.5 mm, 2500 x 312.5 mm

### Designs

Constellation, Cosmos/N

### Edges

Longitudinal edge:



face edge:



### Tile thickness

15 mm nom. (OWAacoustic® premium)

### Weight

Tile 15 mm, approx. 4.5 kg/m<sup>2</sup>

### Resistance to fire

A2-s1,d0 in accordance with EN 13501-1

### Metal suspensions

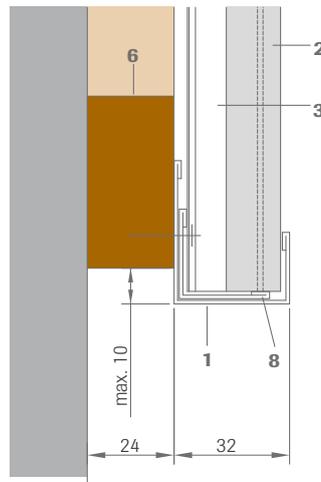
All metal components listed are galvanized steel or white coated galvanized steel respectively.

### Suspension depth

Approx. 32 mm + building supporting structure

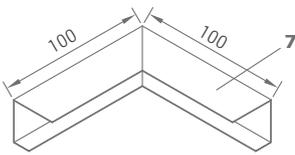
**Lower finished edge:**

The wall angles must be cleanly mitred in the corners.

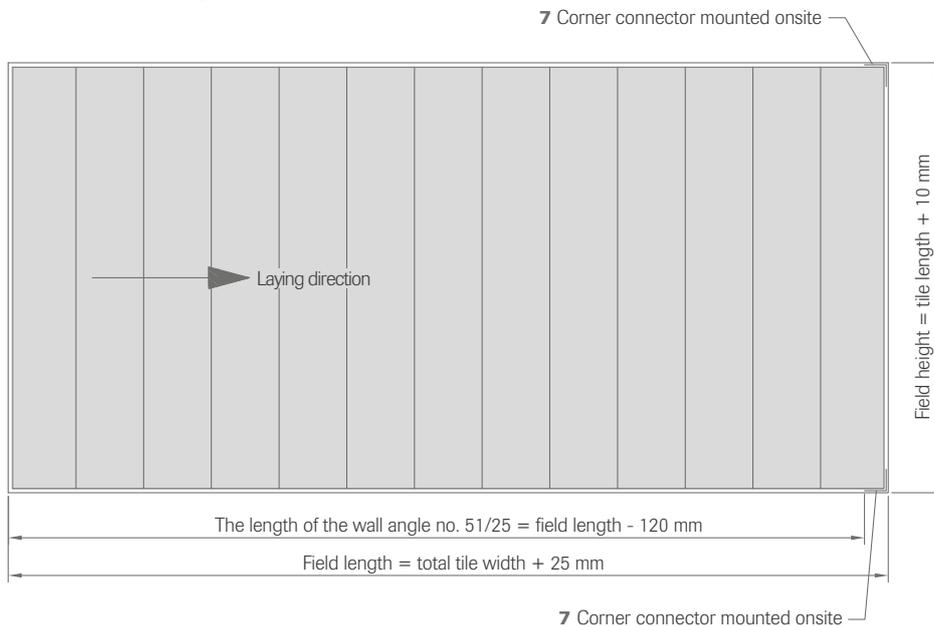


**Corner connector no. 1506 for wall angle no. 57/10:**

The corner connector must be inserted in upper and lower C profile no. 57/10 after the last tile has been mounted.



**Installation example:**



The length of wall angle no. 51/25 is generally 120 mm shorter than the overall length of the field.

**The quantity required for each field must be determined individually!**

**Weight per m<sup>2</sup>:** tile 15 mm, approx. 4,5 kg/m<sup>2</sup>

## **System description:** **concealed OWAconstruct® system S 1 - wall installation**

### **Quality requirements for mineral tiles:**

OWAcoustic 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 1 wall installation e and OWA-Installation Guide no. 9801 e. All components are CE labelled.

### **Direct fixing**

#### **Component list:**

OWAconstruct direct fix clamp no. 62, galvanized  
OWAconstruct wood screw no. 91, galvanized  
OWAconstruct Z profile no. 20, galvanized  
OWAconstruct corner connector no. 1506  
OWAconstruct wall angle no. 51/25, white

## **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

## **Odenwald Faserplattenwerk GmbH**

Dr.-F.-A.-Freundt-Straße 3 | 63916 Amorbach | Germany  
tel +49 93 73.2 01-0 | info@owa.de  
www.owa-ceilings.com