

## GypCeil/ GypCeil AQUA - Clip fixing

GypCeil and GypCeil AQUA are suspended concealed ceilings, using simple fast clip components for connection of VTC-Alpha carrying channel, furring channel, suitable

for most internal applications, can be used with Gyproc plasterboards to create a seamless, monolithic appearance.



| Fixing      | Application | Load capacity |                  |                                    |
|-------------|-------------|---------------|------------------|------------------------------------|
|             |             | Point load Kg | Linear load Kg/m | Distributed load Kg/m <sup>2</sup> |
| Clip fixing | Dry/Wet     | 6.5           | 12               | 19                                 |

### Key facts

- High level of design flexibility
- Smooth and seamless surface decoration
- Can be used with most water based acrylic paints and breathable wallpaper
- Service inspection and access points are easily included during design or installation

### Applications

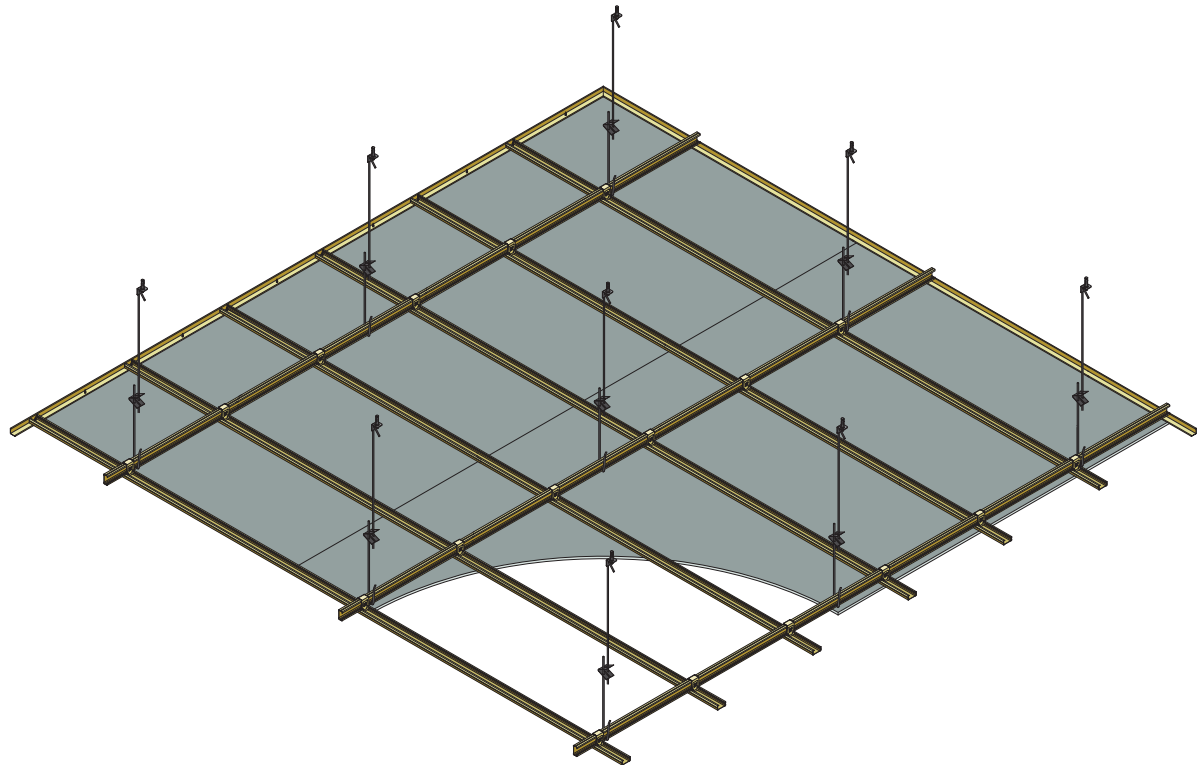
A wide range of residential and commercial applications.

### Sector

- ✓ Residential
- ✓ Office
- ✓ Education
- ✓ Hotel
- ✓ Healthcare

GypCeil/ GypCeil AQUA - Clip fixing

VTC-ALPHA – single layer board membrane



| System       | Board type                    | Application | Load capacity* |                  |                                    |
|--------------|-------------------------------|-------------|----------------|------------------|------------------------------------|
|              |                               |             | Point load Kg  | Linear load Kg/m | Distributes load Kg/m <sup>2</sup> |
| GypCeil      | Gyproc Classic 9mm            | Dry         | 6.5            | 12               | 19                                 |
| GypCeil AQUA | Gyproc Moisture Resistant 9mm | Wet         |                |                  |                                    |

**Note**  
 \*Based on a limiting deflection of L/240, refer to Strength and Robustness Principle page 29. The quoted performances are achieved only if the system comprises only genuine branded Saint-Gobain Vietnam components: Gyproc plasterboards, Vinh Tuong metal framings, Vinh Tuong accessories, Gyp-Filler Jointing Compound and any other materials specified in the tested systems.

## System components

### Metal frame products

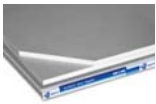


Carrying channel  
VTC-Alpha4000  
Furring channel  
VTC-Alpha4000

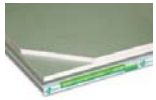


Wall angle  
VTC-18/22

### Board products



Gyproc Classic  
9mm/12.5mm



Gyproc Moisture  
Resistant 9mm

### Fixing and Finishing products



Nail



VT Drywall Screw



VT Wafer Head Screw



Expansion Bolt



Hanging Rod



Suspension Rod



Rod Joiner



ALPHA Clip



Soffit Cleat



Gyp-Filler  
Jointing Compound

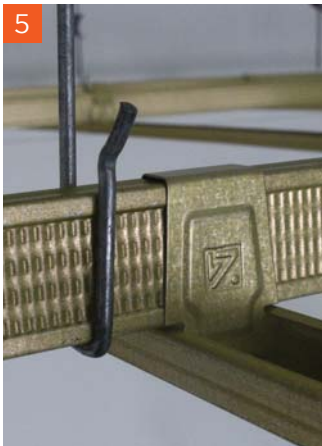


VT Paper Tape



VT Glass Fiber Mesh Tape

## Installation overview



Determine the height at which the concealed ceiling will be installed. Fix wall angle VTC-18/22 on the wall with appropriate fixing.

Position first suspension rod maximum of 400mm from the wall and consecutive suspension rods should be placed with center to center distance of 1000mm. Position first VTC-Alpha4000 a maximum of 400mm from the wall.

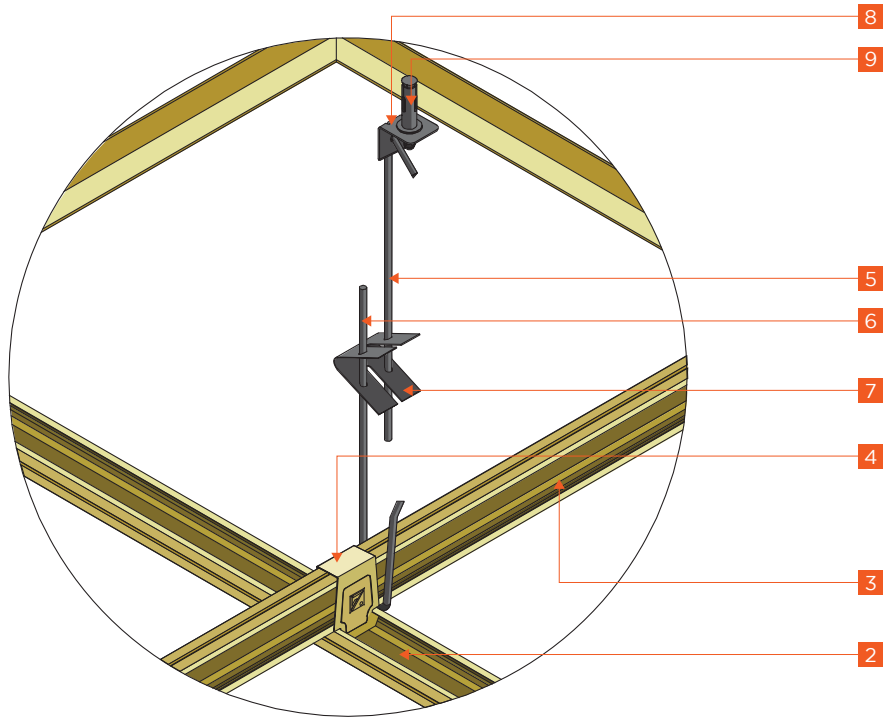
Connect wall angle VTC18/22 to VTC-Alpha4000 by VT Wafer Head Screws. Connect carrying channel to furring channel by ALPHA Clip, with center to center distance 406mm.

Adjust all metal framing to design level. Fix Gyproc plasterboard to VTC-Alpha 4000 with VT Drywall Screws in appropriate centers, the length of board must be fixed parallel to the carrying channel.

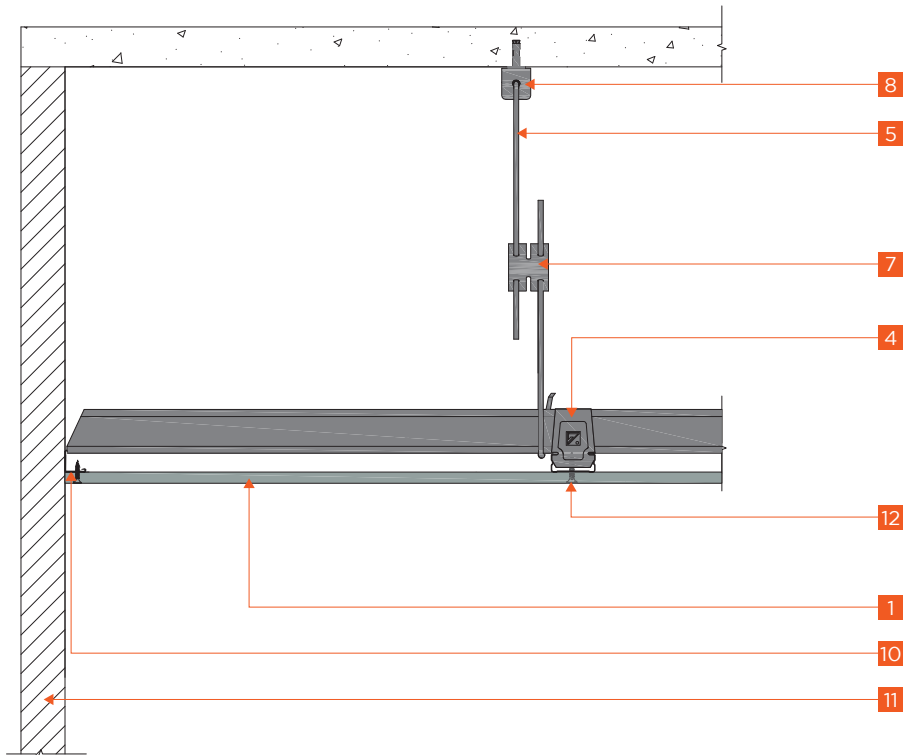
Treat all joints with VT Paper Tape or VT Glass Fiber Mesh Tape and Gyp-Filler Jointing Compound.

For full installation details, please refer to Site Book.

## 1 Clip fixing detail



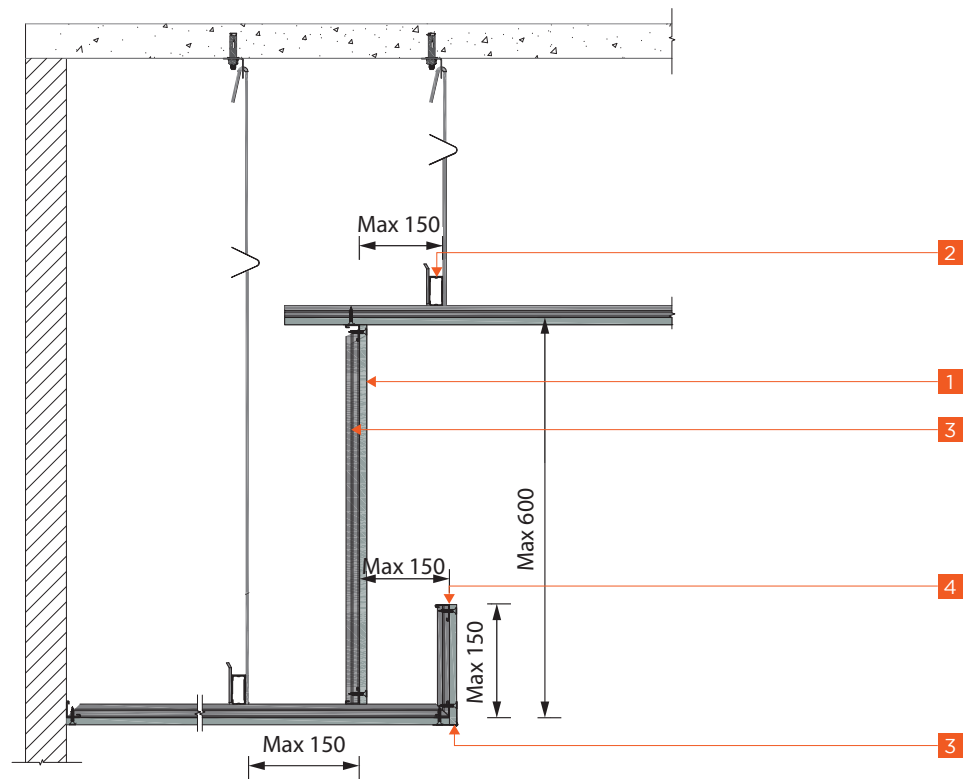
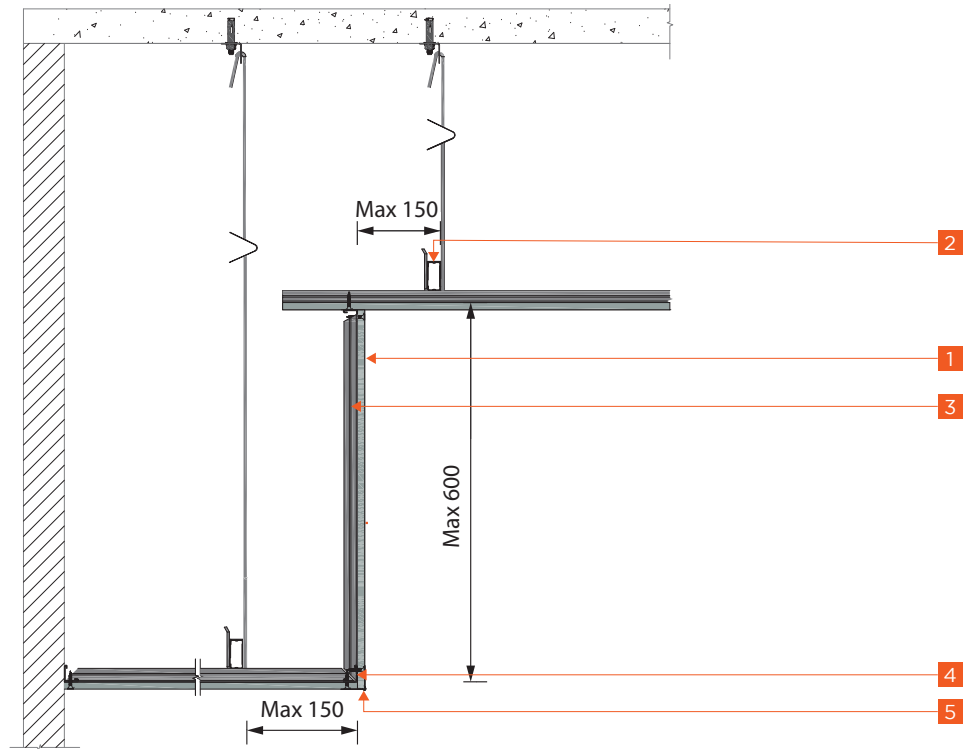
## 2 Connection detail to perimeter wall



- 1 Gyproc plasterboard
- 2 Carrying channel VTC - Alpha4000
- 3 Furring channel VTC - Alpha4000
- 4 Alpha Clip
- 5 Suspension Rod
- 6 Hanging Rod

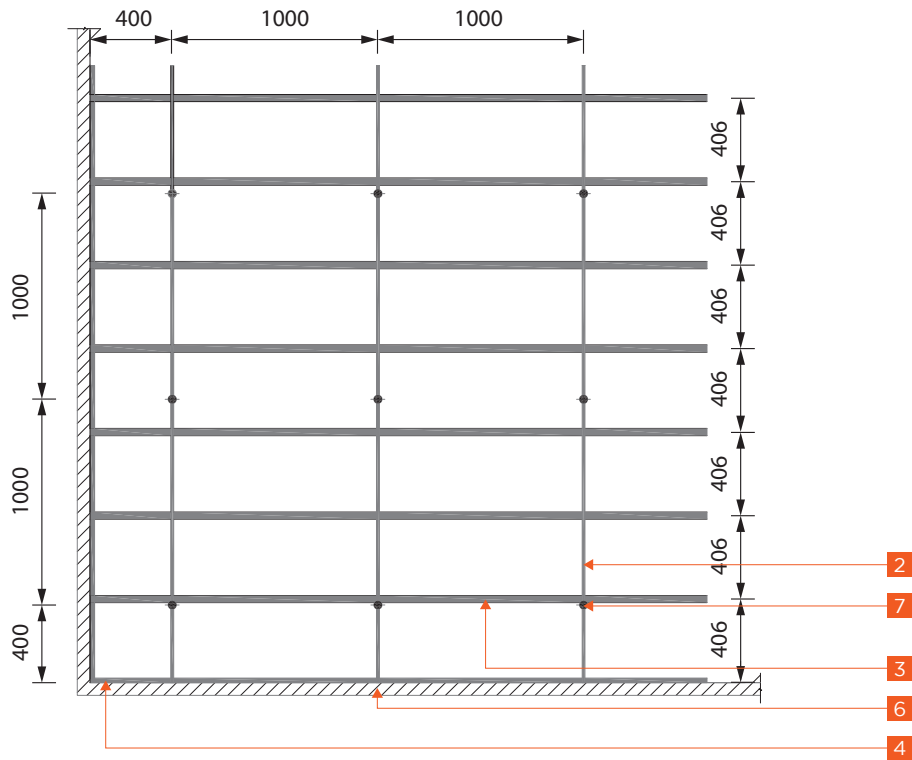
- 7 Rod Joiner
- 8 Soffit Cleat
- 9 Expansion Bolt
- 10 Wall Angle VTC18/22
- 11 Existing wall
- 12 VT Drywall Screw

3 Change of level detail

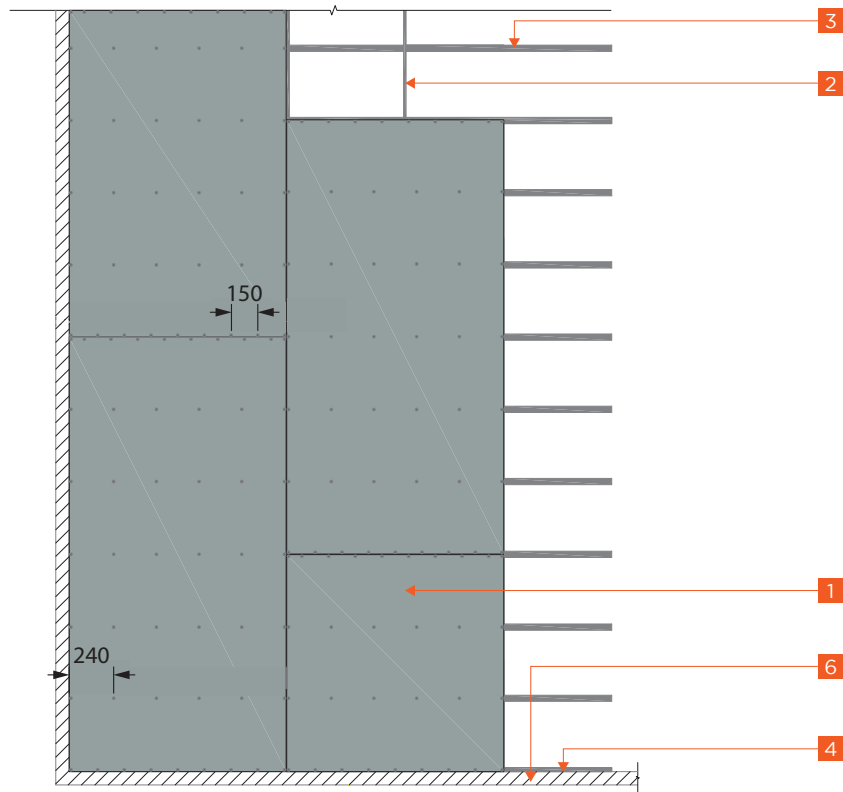


- 1 Gyproc plasterboard
- 2 Carrying channel VTC - Alpha4000
- 3 Furring channel VTC - Alpha4000
- 4 Wall Angle VTC18/22
- 5 VT Corner Bead

## 4 Metal framing structure



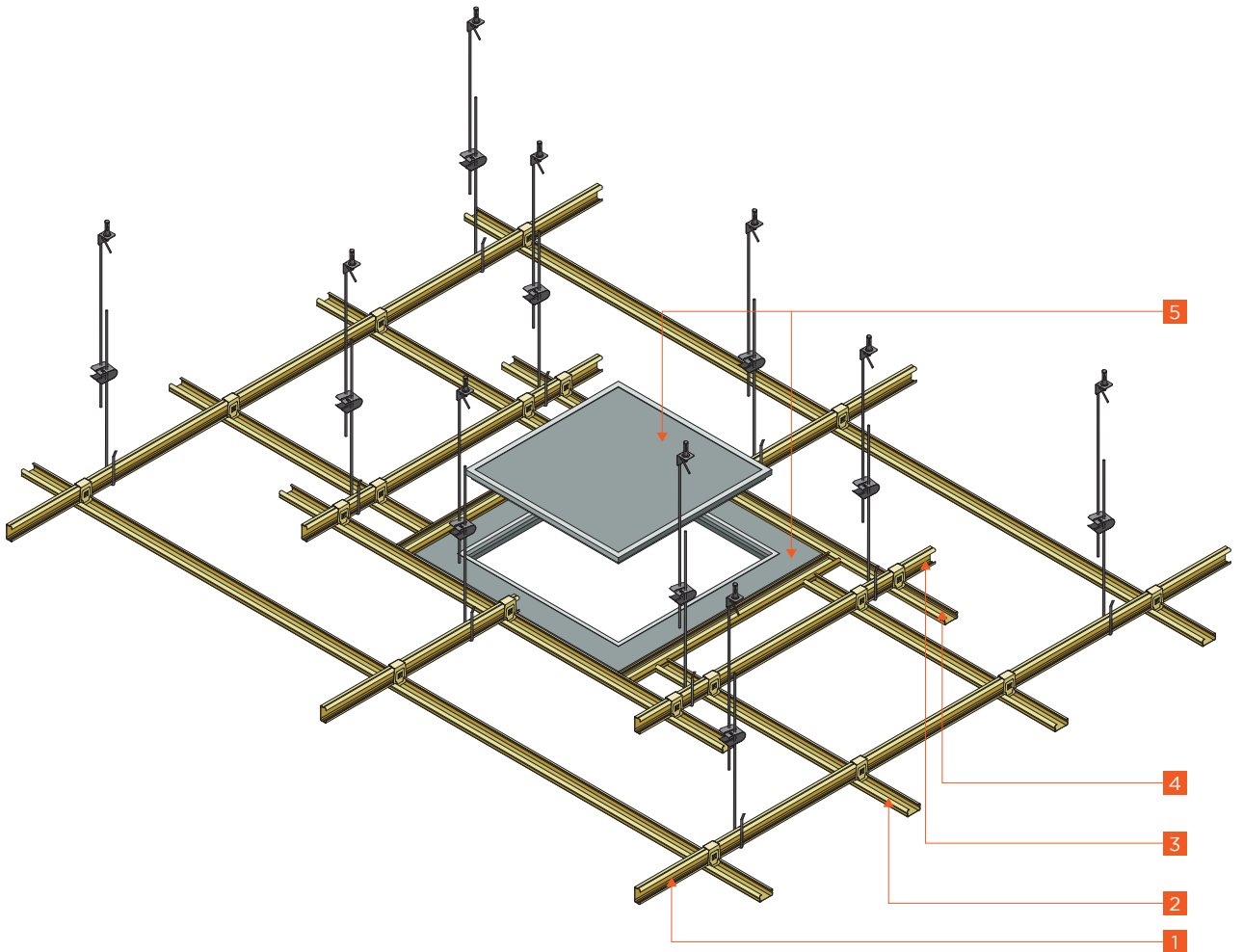
## 5 Plasterboard fixing detail



- 1 Gyproc plasterboard
- 2 Carrying channel VTC - Alpha4000
- 3 Furring channel VTC - Alpha4000
- 4 Wall Angle VTC18/22
- 5 VT Drywall Screw

- 6 Existing wall
- 7 Suspension Rod

6 Access panel detail



- 1 Carrying channel VTC - Alpha4000
- 2 Furring channel VTC - Alpha4000
- 3 Addition VTC - Alpha4000 to support Access panel
- 4 Addition VTC - Alpha4000 to fix Access panel
- 5 Access panel