



Gyptone

The Gyptone range of perforated boards offers a high performance and outstanding quality ceiling while still providing limitless design options for the interiors of a wide variety of buildings.

Gyptone unites distinctive designs, gypsum's durability and superb sound absorption characteristics. It also offers easy maintenance, and enables redecoration without affecting acoustic performance.



Fixing 	Noise absorption (NRC) 	Load capacity*		
		Point load Kg	Linear load Kg/m	Distributes load Kg/m ²
Clip	0.5 - 0.6	11	13	44

Key facts

- Superior sound absorption characteristic
- Monolithic finish with excellent aesthetic
- Paintable surface
- Easy maintenance and enables redecoration

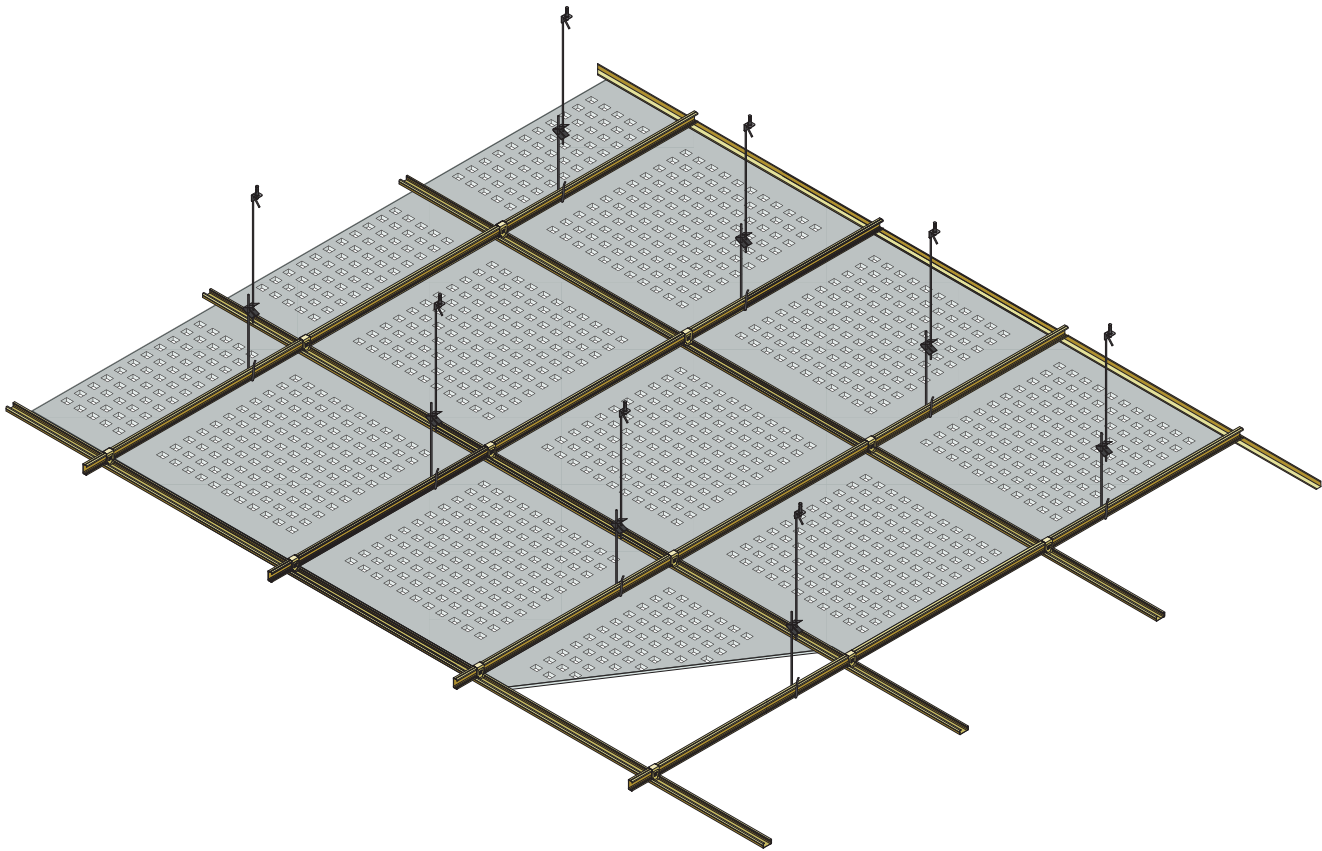
Applications

A wide range of buildings, from hospitals and schools to homes and leisure centres.

Sector

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

VTC - ALPHA – single layer board membrane



Board type	Noise absorption (NRC) **	Load capacity*		
		Point load Kg	Linear load Kg/m	Distributes load Kg/m ²
Gyptone BIG Line 6 12.5mm	0.5			
Gyptone BIG Quattro 41 12.5mm	0.6	11	13	44
Gyptone BIG Sixto 63 12.5mm	0.6			

Note
 * Based on a limiting deflection of L/240 – refer to Strength and Robustness Principle page 29.
 ** Based on construction height 400mm.
 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



Gyptone BIG Quattro 41



Gyptone BIG Line 6



Gyptone BIG Sixto 63

Fixing and Finishing product



Nail



VT Drywall Screw



Expansion Bolt



Hanging Rod



Suspension Rod



Rod Joiner



ALPHA-Clip



Soffit Cleat



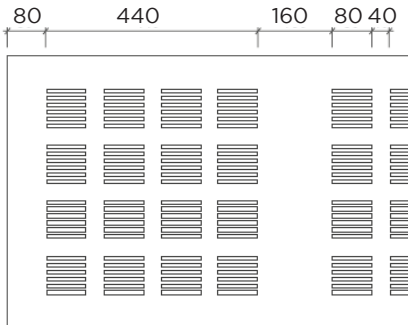
Gyp-Filler
Jointing Compound



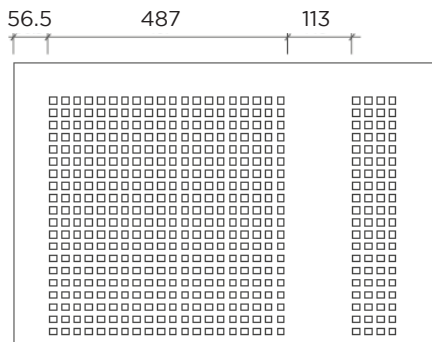
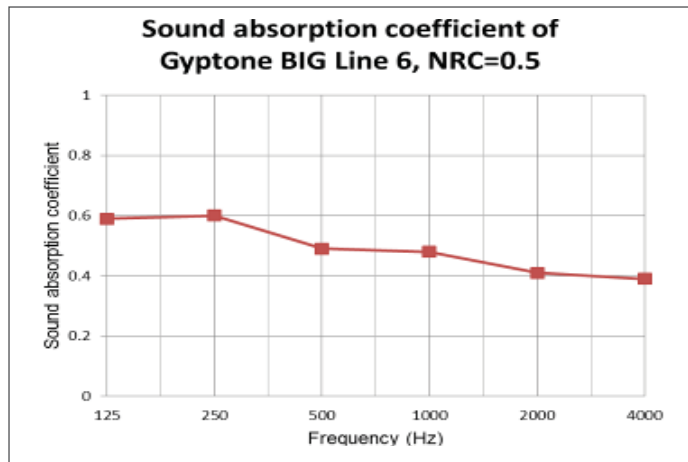
VT Paper Tape



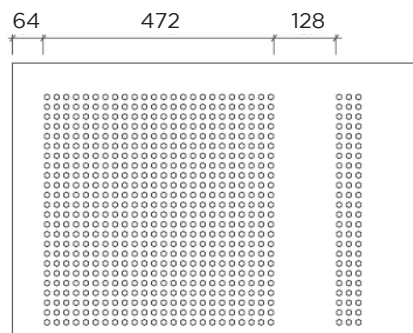
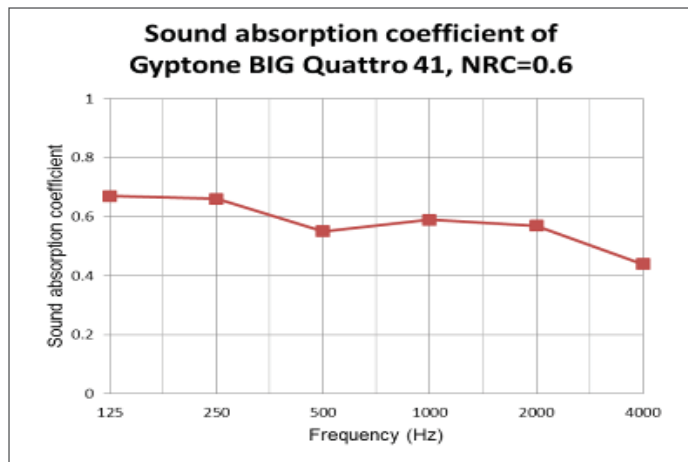
VT Glass Fiber Mesh Tape



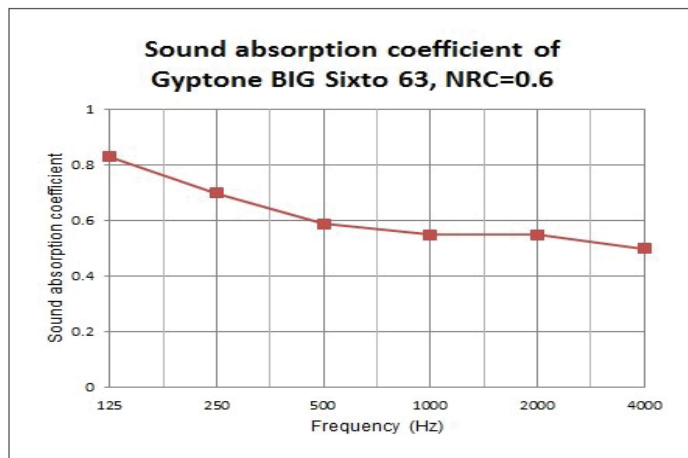
BIG Line 6
 Perforation size: 6 x 80 mm
 Perforation area: 13%
 Modular size: 1200 x 2400 mm
 Thickness: 12.5 mm



BIG Quattro 41
 Perforation size: 12 x 12 mm
 Perforation area: 16%
 Modular size: 1200 x 2400 mm
 Thickness: 12.5 mm

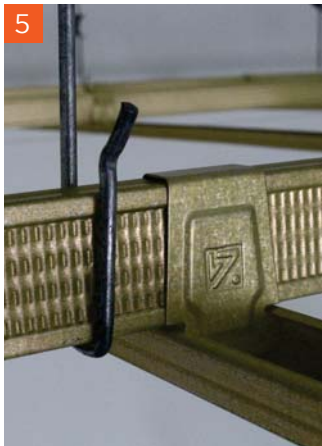


BIG Sixto 63
 Perforation size: Hexagon 12 mm
 Perforation area: 15 %
 Modular size: 1200 x 2400 mm
 Thickness: 12.5 mm



Plenum height 400mm
 NRC: Noise Reduction Coefficient

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 carrying channel VTC-Alpha4000 at maximum of 600mm from the wall.

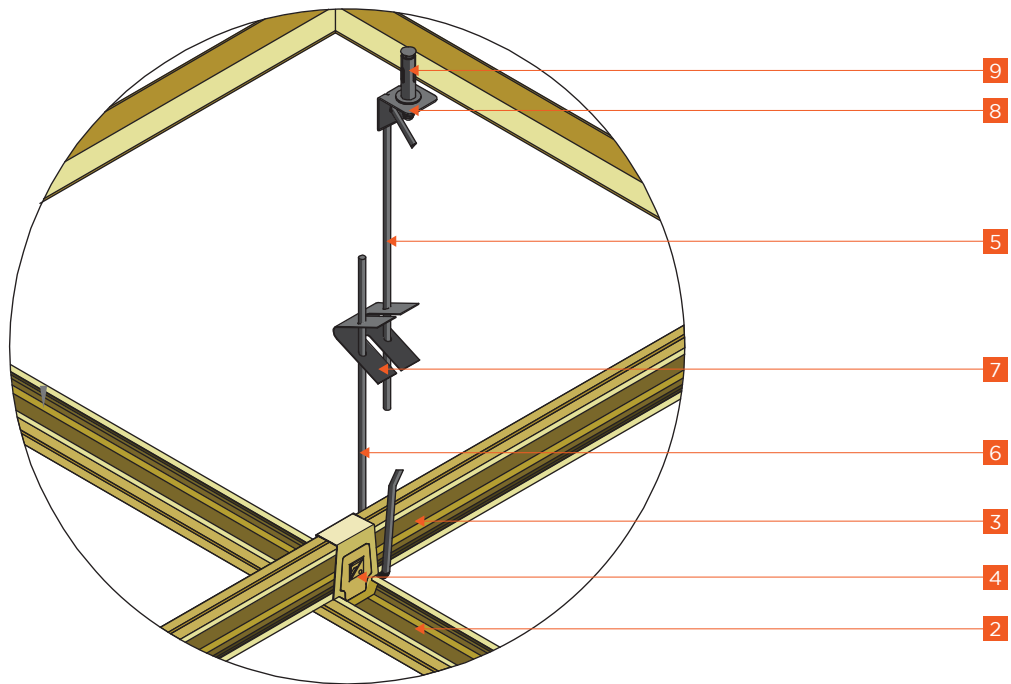
Connect wall angle VTC-18/22 to VTC-Alpha4000 by Wafer Head Screws. Connect furring channel to carrying channel by ALPHA-Clip, with center to center distance 600mm. Adjust all metal framing to design level.

Fix Gyptone BIG board to VTC-Alpha4000 furring channel with VT Drywall Screws in appropriate centers, the length of board must be fixed parallel to the carrying channel.

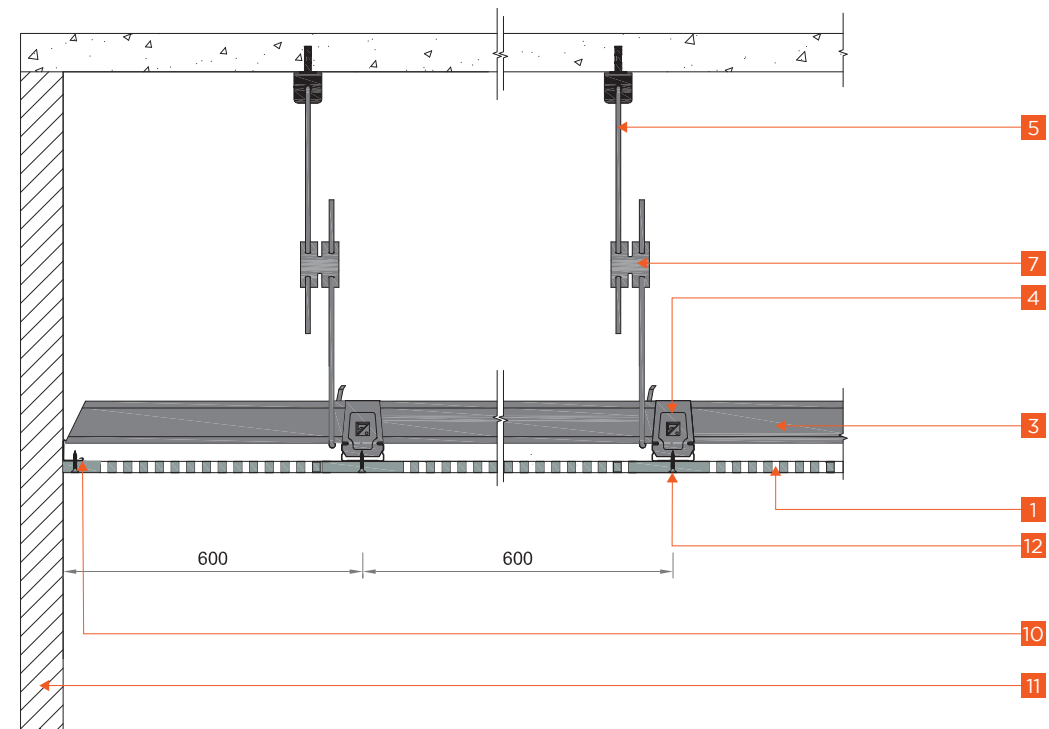
Treat all joints with VT Paper Tape or VT Glass Fiber Mesh Tape and Gyp-Filler Jointing Compound.

For full installation details, please refer to Site Book.

1 Clip fixing detail



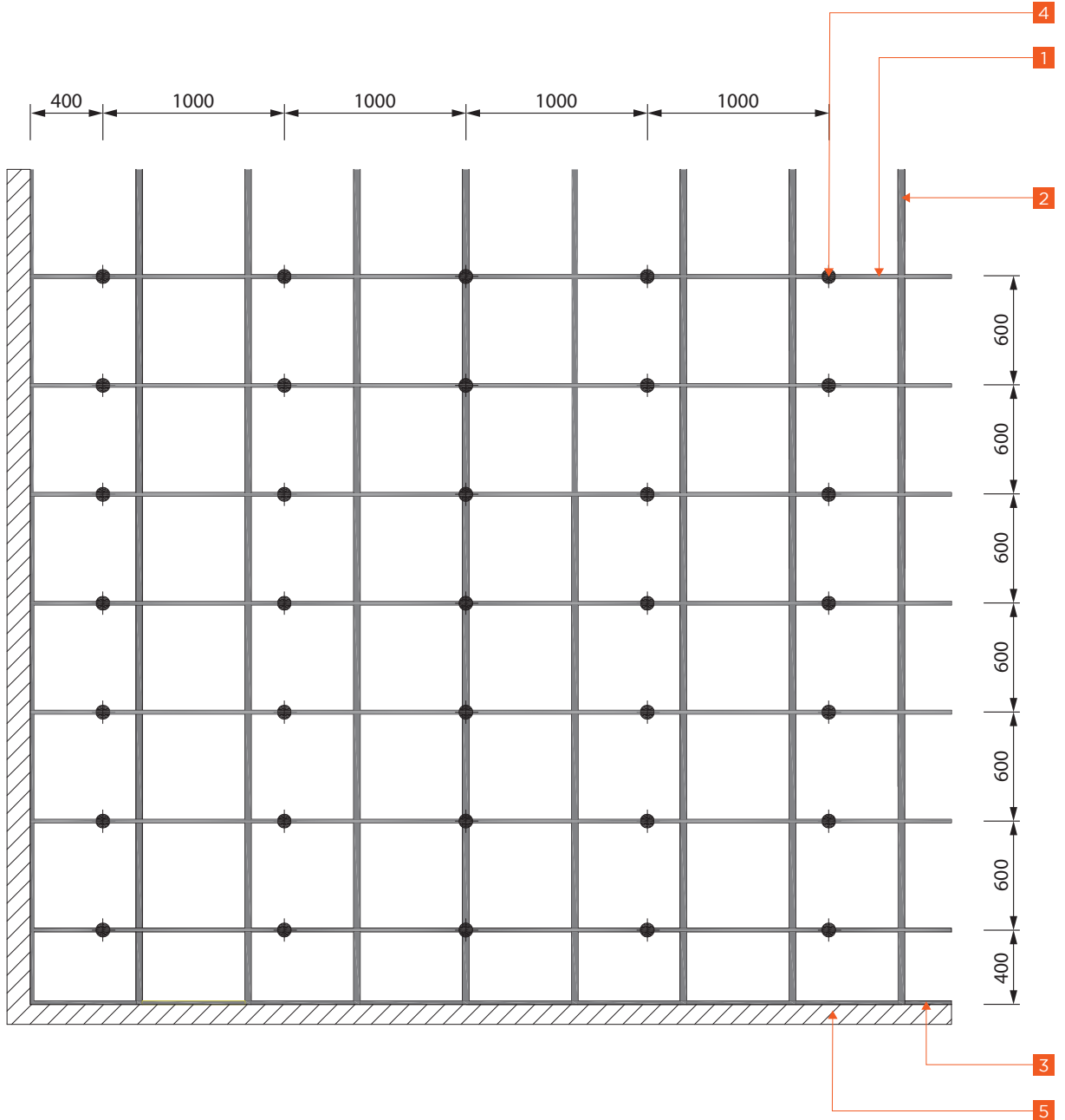
2 Connection detail to perimeter wall



- 1 Gyptone BIG board
- 2 Carrying channel VTC - Alpha4000
- 3 Furring channel VTC - Alpha4000
- 4 Alpha Clip
- 5 Suspension Rod
- 6 Hanging Rod

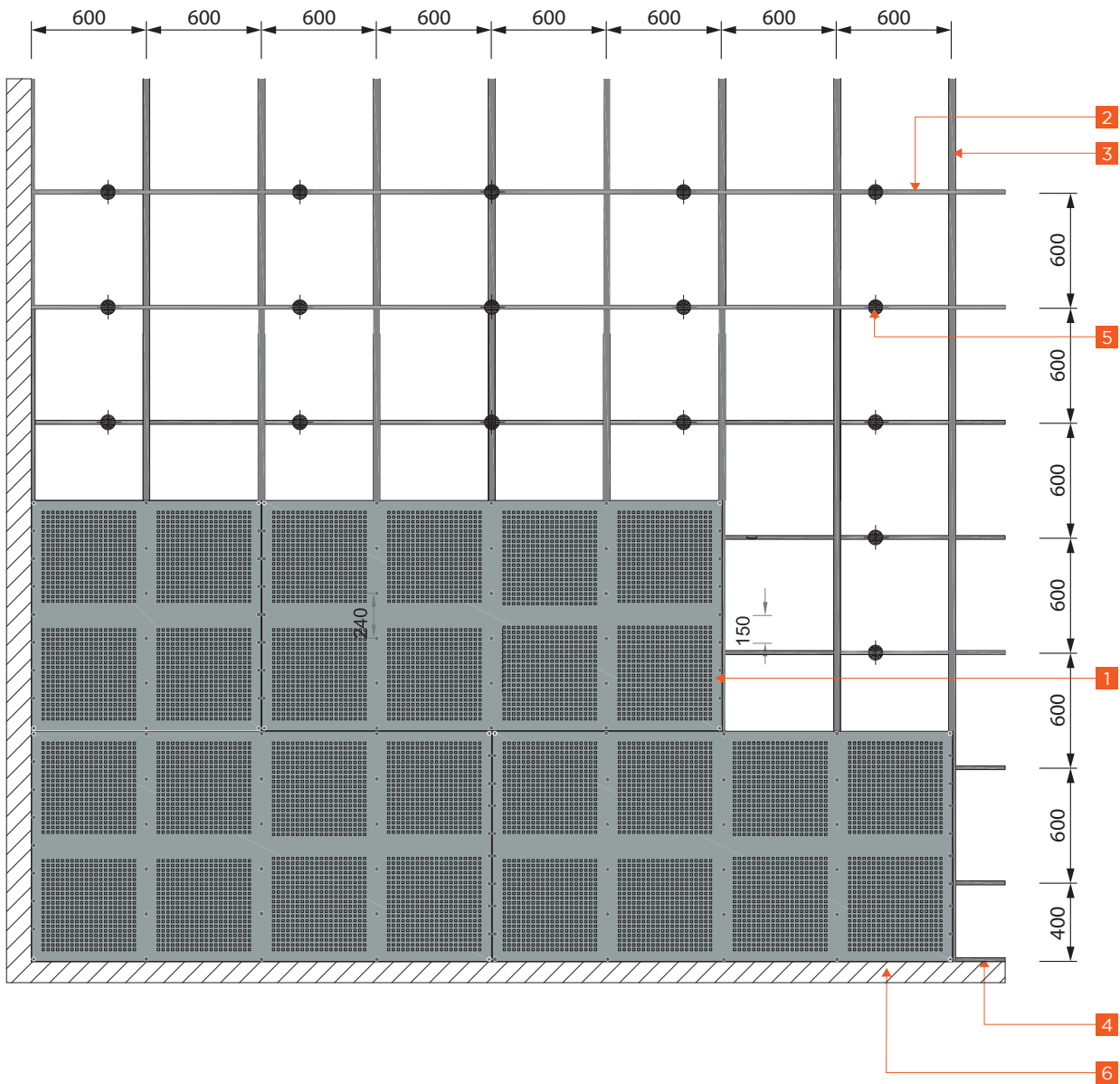
- 7 Rod Joiner
- 8 Soffit Cleat
- 9 Expansion Bolt
- 10 Wall Angle VTC-18/22
- 11 Existing wall
- 12 VT Drywall Screw

3 Metal framing structure detail



- 1 Carrying channel VTC - Alpha4000
- 2 Furring channel VTC - Alpha4000
- 3 Wall Angle VTC-18/22
- 4 Suspension Rod
- 5 Existing wall

4 Plasterboard fixing detail



- 1 Gyptone BIG board
- 2 Carrying channel VTC - Alpha4000
- 3 Furring channel VTC - Alpha4000
- 4 Wall Angle VTC-18/22
- 5 Suspension Rod
- 6 Existing wall