

## About ceiling

Ceilings offer the largest unobstructed view of a room, and are the first thing people usually notice when they enter a building. As a result, the ceiling is an important element of room design and defines its aesthetics.

### Concealed ceiling



Concealed ceiling is a monolithic suspended system that allows customers to achieve a beautiful, homogeneous appearance and a smooth finish without visible joints. Different kinds of plasterboard are used for the concealed ceiling system depending on the application area. These include:

- Gyproc Classic plasterboard: for ceiling applications in normal areas
- Gyproc Moisture Resistant plasterboard and DURAFlex calcium silicate board: for intermittent moisture areas, like bathrooms and kitchens
- Gyproc FireStop plasterboard: for ceiling application in areas where require high fire resistance
- Gyptone plasterboard: the perforations are comprised of different perforated patterns which enhance the aesthetic as well as acoustic

Characters of the room décor. The Gyptone ceilings allow you to create large ceiling surfaces without visible joints.

There are different kinds of frame systems used for the concealed ceiling systems. These include:

- Clip fixing (VTC-Alpha frame) uses simple fast clip components for connection of carrying channel, furring channel
- Direct fixing (VTC-Basi frame) uses furring channel interlocking to carrying channel

### Tiled ceiling



Tiled ceiling is a lightweight ceiling system in T-bar framing. It presents an attractive pre-finished surface possible by selecting plasterboard or calcium silicate board.

Tiled ceiling system is easy to install, maintain and repair with high level of flexibility. GypDecor/GypDecor AQUA ceiling systems provide wide range of ceiling tiles giving pre-finished texture surfaces in either paint or PVC laminated, allowing ease of cleaning

Due to the design flexibility of the T-bar system, this tiled ceiling system can be tailored to meet the requirements of a wide range of applications, such as factory, commercial building, office...



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Our quick-reference ceiling system guide allows you to simply select the performance categories of interest and identify the Saint-Gobain Vietnam ceiling systems that best satisfy your project requirements.

The choice of ceiling system is determined by aesthetic requirement , type of fixing load capacity and application as briefed below:

Type	Fixing	Application	Section	Page	Load capacity*		
					Point load Kg	Linear load Kg/m	Distributed load Kg/m <sup>2</sup>
Concealed	Clip fixing	Dry	GypCeil	97	6.5	12	19
		Wet	GypCeil AQUA				
		Sound absorption	Gyptone	120	11	13	44
	Direct fixing	Dry	GypCeil	105	7.5	13	26
		Wet	GypCeil AQUA				
		Fire resistance	GypCeil FIRE	113	32	33	73
Tiled	T-bar	Dry	GypDecor	128	6.5	12	18
		Wet	GypDecor AQUA				
		Wet	DuraDecor	128	2	3	12

\* At deflection L/240 - refer to Strength and Robustness Principle page 29