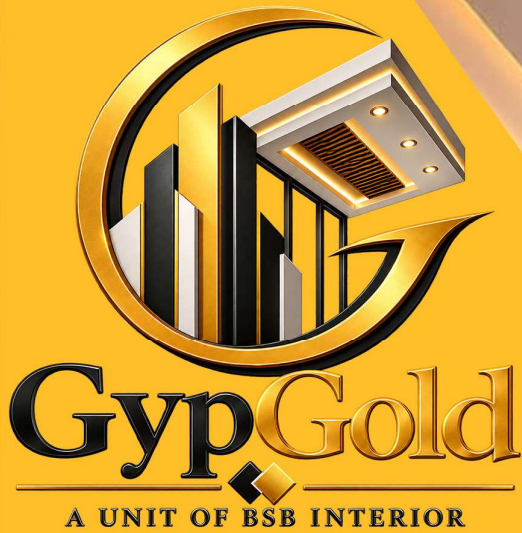




Modern Ceiling Systems Catalogue



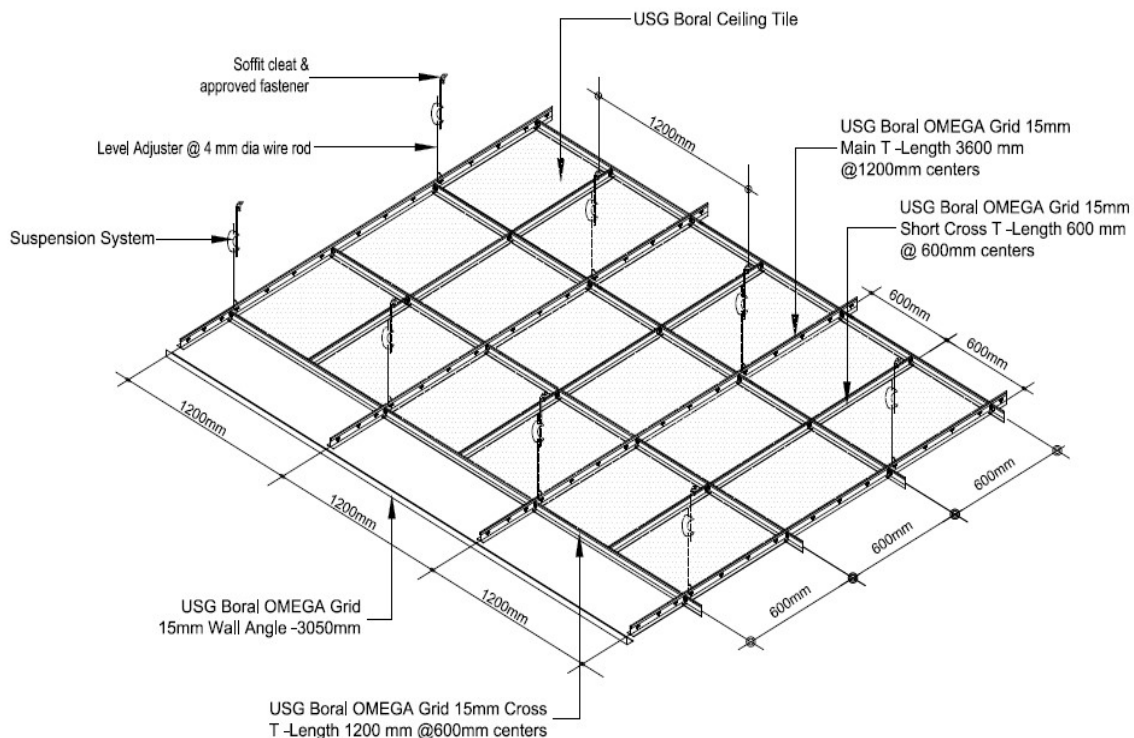
Modern Ceiling Systems

Gypgold Modern ceiling systems provide a flexible, efficient, and aesthetically refined solution for modern interiors. Designed with precision-engineered components, they allow for quick installation, easy adjustment, maintenance, and replacement compared with conventional ceiling systems.

The ceiling grid shall be suspended from the soffit using a **4 mm diameter adjustable quick-fit hanger rod system** to ensure secure and stable support. The **Main Tee** shall have a height of approximately **32–33 mm**, with a **24 mm exposed flange**, while the **Cross Tee** shall be **26 mm high** with a **24 mm exposed flange**.

All grid components shall be manufactured from **roll-formed, hot-dip galvanized steel** with a minimum thickness of **0.30 mm**, zinc coating of not less than **120 g/m²**, and minimum tensile strength of **240 MPa**. Wall angles shall measure **24 mm × 24 mm** and be manufactured from **0.40 mm thick pre-coated steel coil**.

Main Tee sections shall feature integral splice connections at both ends, allowing adjoining sections to be securely interlocked through a tab-and-slot mechanism. The exposed surface shall be finished with **pre-painted, polyester-coated galvanized steel** in an elegant **off-white colour**. The coating system shall consist of approximately **20 microns on the exposed face** and an **8-micron primer/alkyd backing coat** on the reverse side, providing enhanced durability, corrosion resistance, and a clean, professional finish.





Advantages & Benefits of Modular Ceiling Systems

Modular ceiling systems are available in a wide range of designs, patterns, textures, and finishes, offering excellent flexibility to complement different architectural concepts and interior styles. Their adaptable construction allows designers and architects to create visually appealing ceiling layouts while meeting functional and technical requirements.

These systems are suitable for a broad variety of applications, including commercial buildings, corporate offices, educational institutions, healthcare facilities, retail environments, hospitality spaces, public buildings, and other modern interiors. Their combination of aesthetics, flexibility, ease of installation, and convenient access to above-ceiling services makes modular ceilings a practical and versatile solution for contemporary construction projects.

The modular design of these ceiling systems enables fast, efficient, and hassle-free installation. All components are precision prefabricated to fit together accurately, ensuring consistent alignment and a clean, professional finish.

This streamlined installation process significantly reduces on-site construction time, manpower requirements, and overall labour costs. It is especially advantageous for large-scale projects and developments with tight completion schedules, where speed, accuracy, and installation efficiency are essential.

The steel material is manufactured from **pre-painted hot-dip galvanized steel**. It is provided with a **zinc coating mass of 120 g/m²** for enhanced corrosion resistance. The **pre-painted white cap/coated surface** is tested to withstand a **minimum of 300 hours in a salt spray test**, ensuring improved durability and long-term performance.

The material is manufactured using **20-micron polyester pre-painted galvanized steel**, providing a durable, smooth, and high-quality surface finish. An effective **anti-corrosion treatment** is incorporated into the galvanized steel to enhance rust resistance and ensure long-term performance.

The **T-bars are manufactured on fully automatic production lines**, ensuring excellent straightness and dimensional accuracy. The production process maintains a maximum tolerance of approximately **0.1 mm**, helping the ceiling grid retain uniform module dimensions, proper alignment, and a consistent appearance after installation.

For a **1.2-metre span**, with the grid adequately suspended from the structural roof using hanger wires, the system provides reliable load-bearing performance. The load-bearing capacity is approximately **8.45 kg/m² for Type I** and **12.05 kg/m² for Type II**, subject to the specified installation configuration and support conditions.

The **modular grid system** is designed around standardized, interchangeable modules. This flexible arrangement allows individual sections to be easily installed, adjusted, removed, or rearranged as required.

