

# Architectural specifications

## **Suspended Ceilings Kwikloc Regal/Premium Systems**

### **General**

Provide a Kwikloc aluminium exposed grid system as manufactured by Studform.

### **Material**

The exposed aluminium grid shall be Kwikloc (specify either Premium 15mm, or Regal 24mm) powdercoated (satin white) as manufactured by Studform. The Kwikloc grid shall consist of high grade aluminium powdercoated (specify satin white or other).

All materials shall meet the requirements of AS 2785 - Suspended Ceilings Design and Installation.

### **Installation**

The main tees (KL 3600 or KL3600P) shall be spaced at 600mm or 1200mm centres supported from the structure by either a 2.5mm or a 5mm soft galvanised rod at 1200mm max. centres and no more than 600mm from the perimeter trim and no more than 300mm from any main tee join. The cross tees shall be positively locked together through the main tee slots (at 300mm) to form the required module. All 1200mm cross tees shall be centre punched at 600mm to facilitate light fittings and/or mechanical services and any alterations thereof.

### **In General:**

Hangers, main tees and spacer tees shall be spaced so as not to exceed the designed ceiling load or as may otherwise be required to prevent deflection in excess of 1/360 of the span of the main tee or spacer. Extra hangers are to be provided for light fittings, mechanical services etc, that are supported by the grid system where point load system designs are exceeded.

Down bracing shall be incorporated in external installations and areas adjacent to openings prone to uplift caused by external wind forces. Hold down clips shall be used in braced areas or as required.

### **Grid Module**

The grid module shall be (600 x 600) (1200 x 600) (1200 x 300) or other...

### **Perimeter Detail**

Perimeter trim shall be Kwikloc (ASL 3600 - Shadowline or AST 3600 - standard) reversible wall angle securely fixed. Main tees and spacers shall be either notched on to the lip of the wall angle, or butted flush against the straight leg using KL 100 Kwikloc wall angle brackets, to ensure the grid and perimeter trim provide a flat even plane for lay in panels.

### **Bulkhead Detail**

Kwikloc Bulkhead section KLBH 4000 to be used in conjunction with KL 100 Kwikloc brackets as required for bulkhead junctions to avoid exposed fixings.