

# Kwikloc aquatic architectural specifications

## AQUATIC CENTRE / CORROSIVE ENVIRONMENT INSTALLATIONS

### 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 AS2785 - Suspended Ceilings Design and Installation.

### Installation

The main tee (KL3600 or KL3600P) shall be spaced at 600mm or 1200mm centres supported from the structure by a 4mm aluminium wire at 1200mm max. centres and no more than 600mm from the perimeter trim and no more than 150mm 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. 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 (ASL3600 - Shadowline or AST3600 - Standard) reversible wall angle securely fixed. Main tees and spacers shall be notched onto the lip of the wall angle to ensure the grid and perimeter trim provide a flat even plane for lay in panels.

### Hanger Installation

All suspension points of the grid system shall consist of 4mm aluminium wire, securely twitched to main tees at no greater than 1200mm centres and suspended from the roof structure with a VFA3 Aluminium purlin bracket assembly as supplied by Studform Pty.