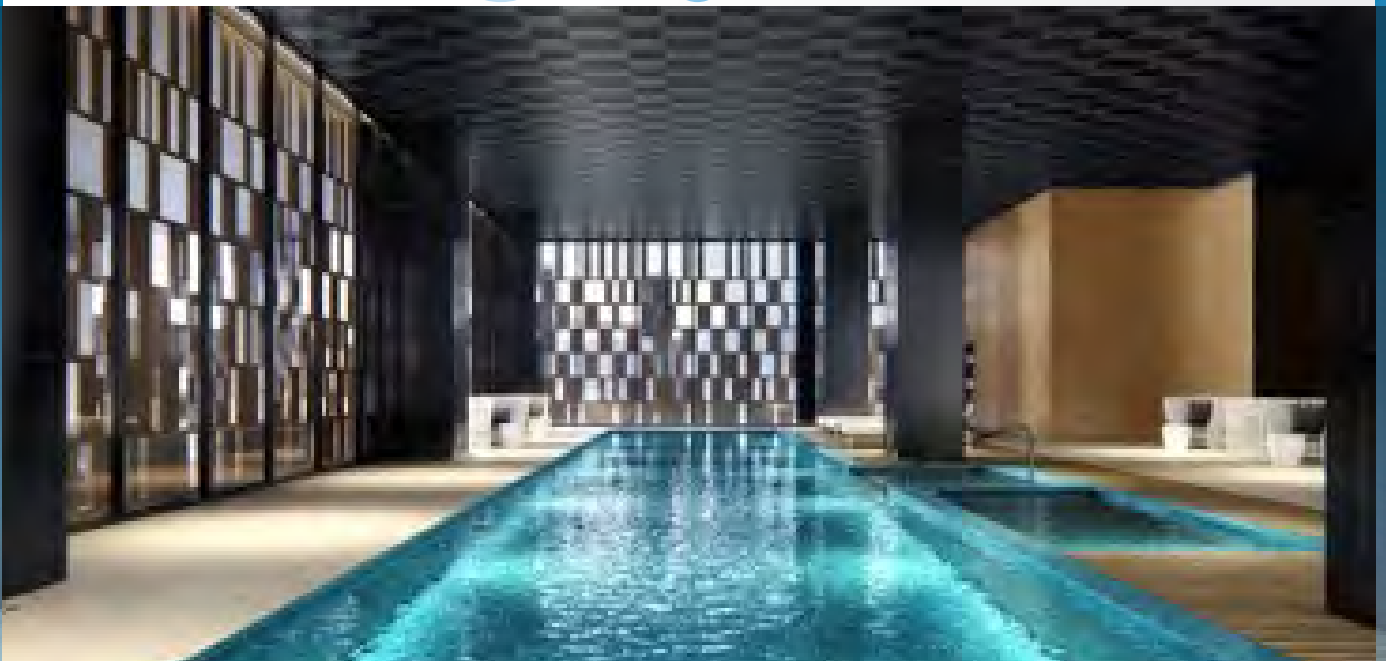


Inspired  
solutions.



# Architectural ceiling systems





# Kwikloc ceiling systems

## Build it outside the square with a Kwikloc ceiling

Clients in the construction market consistently benefit from the flexibility and leading designs of Kwikloc ceilings. Ranging from simple exposed Aluminium grid to custom designed ceilings, there is a Kwikloc package to suit your project.

**Kwikloc was born** around 20 years ago with the launch of the popular 'regal' and 'premium' Aluminium grid systems. These systems both feature a unique engineered locking system which offers installers flexibility and speed, and clients a premium finish.

The trend continued with the launch in 2004 of the Corporate series **Mitred Tophat Aluminium grid**, which quickly gained wide market acceptance as a quality system for modular and one way exposed grid architectural ceilings.

From these foundations the kwikloc name has expanded and now includes metal pan tiles, custom extrusion design, and complete ceiling packages including HVAC and Light diffusers

Kwikloc – A **developers dream**

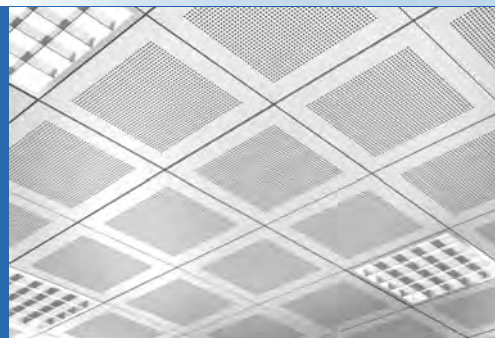
## Aluminium Grid ceilings

Well known for quality of finish and ease of installation, Kwikloc aluminium ceilings are not just another ceiling. Unique locking system and flexible layout patterns are just some of the reasons this system is a market favourite



## Metal Pan ceiling tiles

Add something a little more classy to your project with a metal pan ceiling – ideal for office towers and buildings with modern thermal technology such as chiller beam air conditioning



## HVAC and light diffusers

Complete your ceiling design with one provider – HVAC and light diffusers can be selected specifically to integrate with, and compliment your kwikloc ceiling design

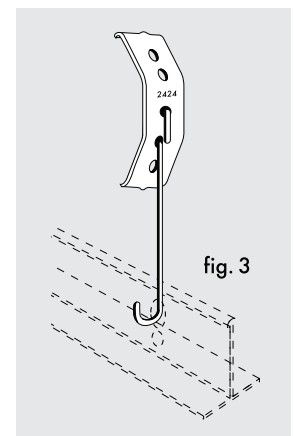
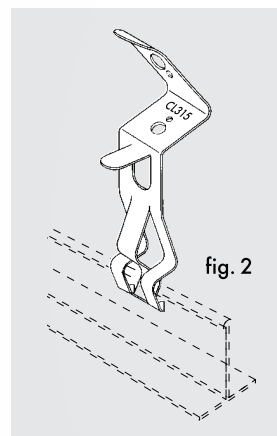
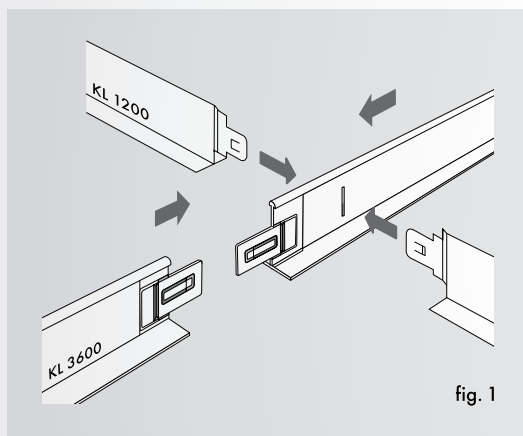


## Custom ceilings

For something outside the box entirely – limited only by your imagination



# Aluminium ceiling grid



## Aluminium Ceiling Grid, hosting unique features and exceptional advantages.

### Engineered 'Kwik' Locking

The engineered locking systems provide positive joining of main Tees and Cross Tees, with installer ease, without the need of any additional operations eg. pop riveting, twisting etc. fig. 1 resulting in a smooth flat joint and thus eliminating the ghosting effect between the ceiling tile and grid.

### Increased Flexibility

The main Tee has been pre-punched at 300mm centres allowing for various ceiling designs, and the 1200mm Cross Tee comes centre punched (standard) for increased flexibility and efficiency of installation.

### Installer Ease and Cost Saving

The bulb at the top of the Tee sections gives the installer flexibility where the suspension clip (CL315) fig. 2 is placed as it clips over the bulb anywhere along the length (1200mm max centres). This enables the installer to keep the suspension rods vertical in every situation. Also with this clip an option of using either 5mm or 2.5mm wire is possible, giving further potential cost savings.

### Premium Non-Corrosive Finish

All aluminium sections are powdercoated white on an automatic line resulting in a consistent non-corrosive finish, particularly suited to buildings where quality and longevity is a priority. Other finishes are available with a small surcharge.

### Press Stamped Identification

Enables future extensions to projects to proceed in a consistent and ordered manner.



Packaged for ease of transport and storage.

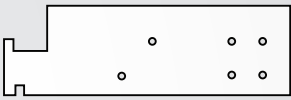


fig.4

12 Ceilings & Walls 12/6 19/6

Reduced construction time and therefore cost.

Australian Standard® AS/NZS 2785

Suspended ceilings - Design and Installation

### Ease of Handling

Components are professionally packaged for ease of handling and safe-guarding the product from damage both in transport and on site.

### Reduced Project Management

Installation time is significantly less than other aluminium systems, due to the snap fit locking system. This allows for condensing of schedules and significantly reducing administration and labour costs.

### Versatile Wall Trim

Connection of Tees to Wall Angles is simplified with the unique reversible Wall Angles for either lipped installation where the Tee sections are notched, or alternatively using the KL100 bracket fig.4 which locks into the Wall Angle and is riveted to the Tee section.

### Exceeds Standard Requirements

Suspension points exceed the requirements of AS/NZS 2785.

Precision manufacturing procedures also maintain uncompromising accuracy to ensure straight grid lines.

### Bulkhead Construction Ease

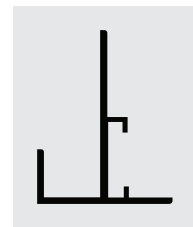
The Kwikloc System incorporates an aluminium Bulkhead section which facilitates the use of the KL100 bracket, thus increasing rigidity and providing ease of installation.

### Seismic Requirements

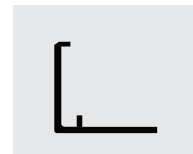
The Kwikloc aluminium ceiling grid systems have the structural capacity to meet the loading requirements of both AS 1170.4 and NZS 4203 with respect to the horizontal earthquake forces as required by both Australian & New Zealand standards. Specific design requirement standards for the Kwikloc System are available for the various areas and activity levels throughout Australia and New Zealand.



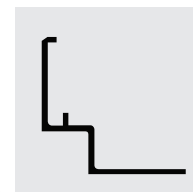
# Typical application details



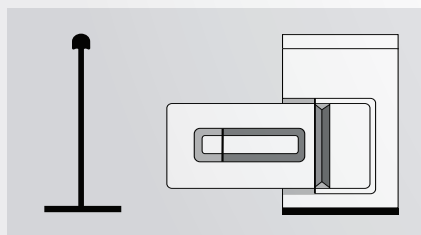
KL BH 4000 Bulkhead section



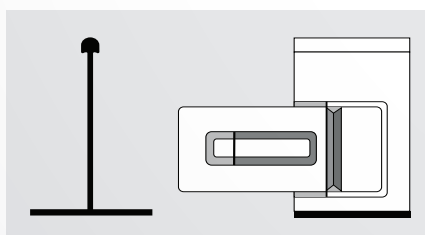
AST 3600 Reversible standard wall angle



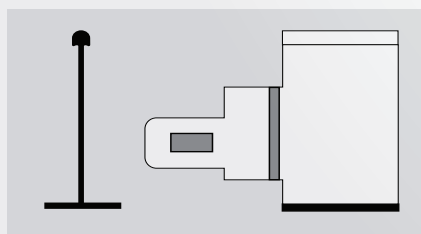
ASL 3600 Reversible shadowline wall angle



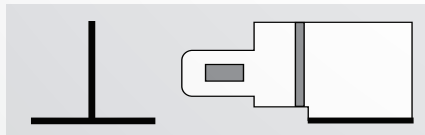
KL 3600P Main Tee



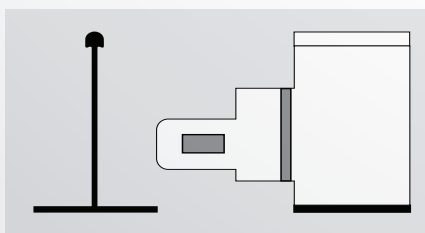
KL 3600 Main Tee



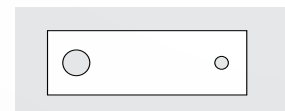
KL 600P/KL 1200P Cross Tee



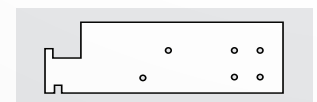
KL 600 Cross Tee



KL 1200 Cross Tee



VF2 Suspension Rod Bracket



KL100 **Kwikloc** Bracket

# 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**

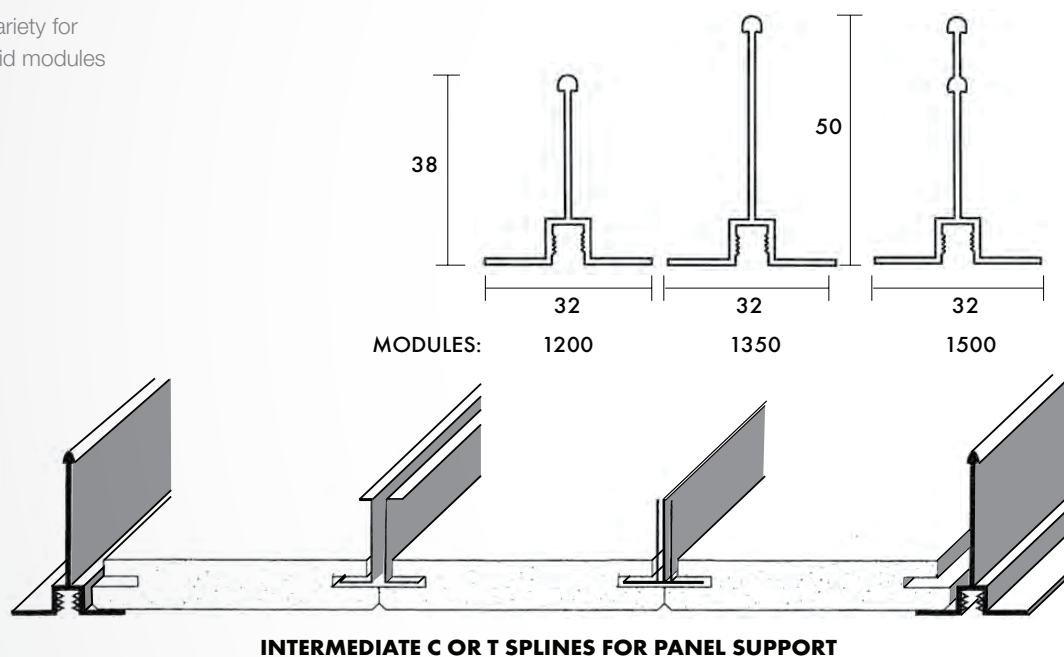
Kwikloc Bulkhead section KLBH 4000 to be used in conjunction with KL 100 Kwikloc brackets as required for bulkhead junctions to avoid exposed fixings.

# Corporate ceiling system

Comprehensive section variety for varied applications and grid modules

Modules available in:

- 1200 x 1200
- 1350 x 1350
- 1500 x 1500



## Corporate Ceiling System

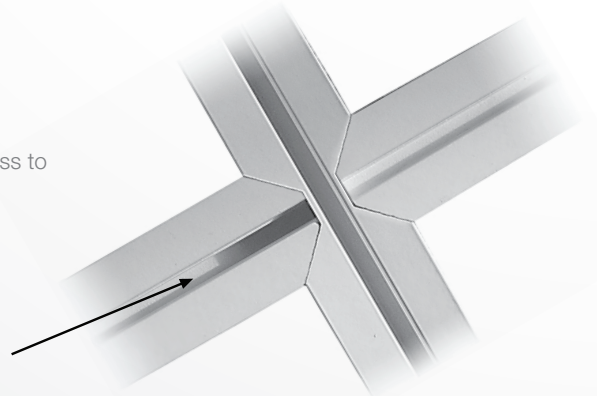
Applications:

- Up-market office developments
- Longevity of ceiling life

## Mitred Top Hat Grid

Developer's Favourite

- Provides flexibility
- Ease of maintenance and access to services
- Corporate image
- Enables partition relocation without repair
- Fluted s/line channel for partition fixing
- Manufactured to Australian Standards
- Powdercoated on automatic line in low sheen white for optimum finish



Developer's Favourite



# Architectural specifications

## General

Provide a Kwikloc Corporate Aluminium Mitred Top Hat ceiling system incorporating hangers to main tees as outlined in installation specifications. The module requirements shall be (specify 1200x1200, 1350x1350 or 1500x1500) incorporating associated C&T splines for panel support. Centre flute of Corporate grid to facilitate partition fixing to ceiling without damage to system.

**Bringing a great ceiling together isn't just what we do  
– it's what we do best.**



# Studform also manufactures:



Clients in the construction market consistently benefit from the flexibility and leading designs of Kwikloc ceilings. Ranging from simple exposed aluminium grid to custom made mitred-top-hat ceilings, there is a Kwikloc package to suit your project.



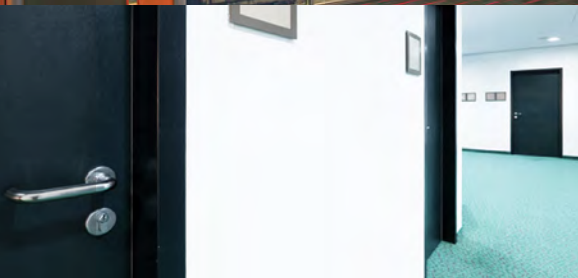
Integrating LED lighting elements into acoustic and seismic suspended ceiling systems. The new Kwiklux LED module is a fusion of engineering and class, designed to add style and ambience to any environment.



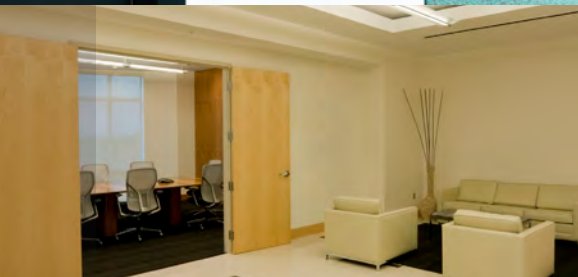
The Kwiktile range brings a fresh level of design, incorporating natural timber-look panels in elegant patterns with high-level acoustic properties. Designed and manufactured to lay into the Kwikloc aluminium ceiling grid.



The Korporate aluminium partitioning suite is recognised by industry for flexibility, quality and value. The multi section system has been utilised in the Commercial, medical, education and fitout markets for many years, offering a complete partitioning package for almost any project.



The Satellite range of commercial and residential doors blend quality custom finishes with high performance criteria. Leading suppliers to the Commercial, medical, education and High rise residential markets for many years, Studform doors offers solutions to all your project requirements.



The Accoulite range of high performance commercial doors by Studform are specifically designed to offer a low weight and high acoustic barrier to meet critical project design requirements.





## Function.

Studform is committed and driven to manufacture usable products.

## Quality.

Workmanship is driven by quality.

## Distinctive.

Studform architectural ceiling systems are made for all environments, and can be adapted to suit your project.

## Service.

Our customer service is our priority. Through design, build and commission, our team is trained to help you every step of the way.

## Reliable.

We ensure a smooth rollout at the design, specification and contractor stage.

## Realistic.

Our lead-times are realistic, and promises are kept.

## Easy.

Installation of architectural ceiling systems is hassle-free.

## Preferred.

Studform – your preferred architectural ceiling system supplier.

# Studform brochures also available:

- Kwikloc Seismic ceiling systems
- Kwikloc Aquatic ceiling systems
- Kwikloc Health ceiling systems
- Kwiklux LED Grid Lighting systems
- Kwiktile Acoustic Timber ceiling tiles
- Premium ceiling tiles
- Korporate aluminium partition suite
- Satellite commercial doors
- Satellite residential doors
- Acoulite high performance acoustic doors



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