

### Installation Linear / Modular Beam Ceiling System

1. Using a laser, or equivalent, determine ceiling level and secure perimeter trim (GT119) to the wall at 450mm maximum centres.
2. Cut lengths of suspension angle (GT114) to suit suspension depth ensuring sufficient length for fixing.
3. Secure angle hangers, at 1500mm maximum centres, to the structural soffit using fixings approved by the Architect and determined by load and safety factor considerations. The first hangers are to be no more than 300mm from the wall.
4. Using M6 or equivalent fixings, secure suspension channel (GT112) to the angle hangers, taking care to maintain a perfect level. Underside of channel to inside face of trim = 44mm. Each end of suspension channel runs or spacer bars to be folded back and secured to wall.
5. Lengths of suspension channel are to be joined with channel couplers (GT113) using M6 fixings. Allowance for expansion is to be made as necessary.
6. Setting out from the centre of the room, locate beam support brackets into beam grid at 1500mm centres and offer up to the suspension channel at the appropriate centres.
7. Beam support brackets are located over the suspension channel and the top leg is folded along the pre-formed slot. The bracket is then secured to the channel using self-tapping screws, or similar, at module centres.
8. Lengths of beam grid are to be joined using splice plates (GT171) and allowance for expansion is to be made as necessary. (Where required, install cross beams at appropriate centres, securing each end to main beams to provide rigidity and maintain module).
9. Tiles can now be offered into place. (At least every fifth tile to be secured to the Linear Beam grid to provide system rigidity).
10. Where no suspension channel is being used, spacer bars are to be installed at 1500mm centres to maintain beam module.
11. Cut perimeter tiles must be retained using wedges (GT120) spaced at 300mm maximum centres.

#### **Please note**

As manufacturers only, Burgess Architectural Products Ltd. cannot be held responsible for the installation of the ceiling.

Site conditions, special applications, services integration etc. may require variations to the above instructions, which are given purely as a general guide.

Ceilings to be installed in accordance with AIS (Association of Interior Specialists)

Guide No.1, Good practice For the Installation of Suspended Ceilings and BS 8290: Part 3: 1991, Code of practice for installation and maintenance.