

### Installation of Clip-In / Swingdown Ceiling Systems

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 = 45mm for Type A tiles, 38mm for Type C tiles. Each end of suspension channel runs 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, secure full tee bars (GT115) to suspension channels using universal brackets (GT109), at centres to suit tile modules. Where possible, not less than half tiles should be used at perimeters.
7. Universal brackets are located over the suspension channel, the top leg is folded along the preformed slot and the bracket then secured to the channel, using self-tapping screws or similar, at module centres.
8. Lengths of full tee bar are to be joined using tee bar couplers (GT116), and allowance for expansion is to be made as necessary. Tee bar joints to be made 'mid tile', i.e. not on the tile joint lines.
9. Tiles can now be clipped into place, taking care that the pips are correctly located into the bulb of the tee bar.
10. 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.